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United States
Department of
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Forest Service

Pacific Southwest
Forest and Range
Experiment Station

Resource Bulletin
PSW-18

Vegetation Survey of Pohnpei, Federated States of Micronesia

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Received by: JYB
1 Indexing Branch

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Acknowledgments:

The authors thank the staffs of the U.S. Trust Territory of the Pacific Islands and the Soil Conservation Service, U.S. Department of Agriculture, for their assistance in this survey. Trust Territory participants included David Idip, chief of agriculture; Robert Ray, staff forester; and Kozo Yamada, director of natural resources. Soil Conservation Service participants were Jack Kanalz, former Hawaii State conservationist, and Harry Sato, Hawaii State soil scientist.

We also thank the following persons for assisting with the field work: Herson Anson, Ishmael Lebehn; and Salis Peter, Pohnpei foresters; and Edward Olson and Joseph Smith, Peace Corps foresters.

Cover: The agroforest vegetation type is an important source of food, including breadfruit and coconuts, for the Pohnpeians.

Publisher

Pacific Southwest Forest and Range Experiment Station
P.O. Box 245, Berkeley, California 94701

In cooperation with:

Pacific Northwest Forest and Range Experiment Station
P.O. Box 3890, Portland, Oregon 97208

Forest Service
U.S. Department of Agriculture

December 1986

245

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INTRODUCTION

Pohnpei is the major island in the Pohnpei Island group in the Federated States of Micronesia, eastern Caroline Islands. It is heavily forested, and knowledge of the soils and extent and composition of the vegetation is needed for land-use planning. To fill these needs, a formal agreement was drawn up between the High Commissioner of the Trust Territory of the Pacific Islands and two agencies of the U.S. Department of Agriculture—the Soil Conservation Service and the Forest Service. Eleven vegetation maps of Pohnpei are the product of the study mandated by this agreement. These maps, prepared by the Forest Service in cooperation with the Government of Pohnpei, are intended to serve as a working tool for planning and forest resource management and to provide a basis for timber volume surveys.

This bulletin describes the different vegetation types, their ecological function, and uses, and includes the vegetation maps.

GEOGRAPHY AND CLIMATE

Pohnpei is a high volcanic island located near the eastern end of the Caroline Island group in the Pacific Ocean (lat. 6°54' N., long. 158°14' E.) (*fig. 1*). It lies about 660 km (415 statute mi) north of the equator and about 4983 km (3115 statute mi) southwest of Hawaii. The island is roughly circular and has a diameter of about 23 km (14 statute mi), with a total area of about 35,500 ha (87,693 acres). In 1985, the population of Pohnpei was about 29,000.

The island is steep, mountainous, and heavily forested in the interior. Eleven peaks rise more than 600 m (1970 ft) above sea level, and Mount Nahnalaud is about 800 m (2625 ft) above sea level. About 60 percent of the island is mountainous and 20 percent is characterized by rolling hills and plateaus. The remaining areas are coastal bottom lands (5 pct) and mangrove swamps (16 pct). More than 33 percent of the island supports food-tree crops and another 56 percent is forested (*figs. 2 and 3*).

Pohnpei is hot and humid. The mean annual temperature in Kolonia—the capital—is 27 °C (81 °F). Temperatures vary little from month to month. The mean annual rainfall is 4820 mm (190 in), but January and February are slightly drier than average.

Although Pohnpei lies outside the main paths of severe tropical disturbances and typhoons, such storms occasionally hit the island, damaging crops, trees, and dwellings. The most destructive typhoon in recent years struck Pohnpei in 1905, when all coconut plantations were destroyed and most buildings damaged.

SURVEY METHODS

Pohnpei's vegetation types were identified and delineated on black and white photographs taken in 1975 at a nominal scale of 1:8,000. Since 1975, many natural forest areas have been converted to agroforest by the planting of breadfruit, coconut, mango, banana, and other food crops. Although it was not possible to update the map to account for this land-use conversion, its impact has been estimated from ground sampling. The area figures were adjusted to reflect the substantial land-use changes that have occurred since 1975 (*table 1*), the year the aerial photography was completed.

Vegetation differences can often be recognized by examining photographs stereoscopically for differences in tone, texture, and image patterns. In some cases, individual plants may be recognized by their distinctive shape. Thus, after comparing photoimagery with ground conditions in the field, a skilled interpreter can become fairly proficient at recognizing vegetative types on aerial photos. Overall accuracy will depend on the scale, age, and quality of the photographs; the skill of the interpreter; degree to which the types differ in image characteristics; and the amount of ground checking by the interpreter.

Before mapping could begin, a vegetative classification scheme was needed. Because much of the island is inaccessible by road and funds were limited, vegetation types were restricted to those that could be recognized on the photos without intensive ground checking. In addition, type characteristics were limited to those useful to foresters and land-use planners.

After considerable field reconnaissance, the classification scheme presented in this paper was adopted. Types were delineated on the photos after stereoscopic examination and ground checking along roads and trails. Then the photos were edited and sent to the Engineering Geomtronics Section of the Forest Service's Pacific Southwest Regional Office, for transfer to base maps and measurement of type area (*tables 1 and 2*).

Figure 1—The island of Pohnpei, Federated States of Micronesia, is located near the eastern end of the Caroline Island group.

Figure 2—Percentage of areas in land classes in Pohnpei State, Federated States of Micronesia, as adjusted in 1983.

Figure 3—Percentage of approximate areas in the forest class, by adjusted vegetation type, Pohnpei State, Federated States of Micronesia, in 1983. The three types not shown (atoll, plantation, and dwarf forest) together make up less than 0.1 percent of the forest class.

Table 1—Area of Pohnpei by land class and type, 1983

Table 1—Area of Pomperoy, land class and type, 1965			
Land class and type	Symbol	Area	
		Initial	Adjusted ¹
—Hectares (acres)—			
Forest:			
Upland forest	UP	17,096	12,548
Palm forest	PO	1,729	1,383
Swamp forest	SW	426	214
Mangrove forest	MN	5,525	5,525
Atoll forest	AT	6	6
Plantation forest	PF	6	6
Dwarf forest	DF	1	1
Total forest		24,789	19,683 (48,637)
Secondary Vegetation:	SV	2,766	1,843 (4,554)
Agroforest:			
Agroforest	AG	946	1,945
Agroforest w/coconuts	AG.CO	4,766	9,796
Coconut plantation	CO	124	124
Total agroforest		5,836	11,865 (29,318)
Nonforest:			
Marsh, freshwater	M.F	149	
Marsh, saline	M.S	29	
Grasslands	G	1,476	
Cropland	C	79	
Urban	U	180	
Urban with Agric.	U/AG	62	
Barren	B	2	
Water	W	125	
Total nonforest		2,102	(5,194)
Total area		35,493	(87,703)

¹Adjusted by the proportion of field plots that were mapped as forest or secondary vegetation, but found to be agroforest in 1983.

Table 2—Area of forest land by size and density classes, Pohnpei, 1983

Type	Size class ²	Density class ¹			Total ³	
		Low	Medium	High		
		Hectares (acres)				
Upland forest	0	0	0	11	11	(27)
Upland forest	1	478	2,875	4,205	7,558	(18,676)
Upland forest	2	51	722	4,206	4,979	(12,304)
Mangrove	0	0	10	225	235	(581)
Mangrove	1	8	53	3,423	3,484	(8,609)
Mangrove	2	9	66	1,731	1,806	(4,463)
Palm forest	1	0	176	1,207	1,383	(3,417)
Swamp forest	1	2	47	58	107	(264)
Swamp forest	2	2	33	72	107	(264)
Atoll forest	1	0	0	6	6	(15)
Plantation forest	1	0	0	6	6	(15)
Dwarf forest	0	0	0	1	1	(2)
Total forest					19,683	(48,637)

¹Crown closure of main canopy: Low <30 pct; medium 30-70 pct; high >70 pct.

²0—Short, shrub-like trees smaller than 12.5 cm (5 in) in d.b.h.

1—Trees averaging less than 30 cm (12 in) in d.b.h. but 12.5 cm (5 in) or more in d.b.h.

2—Trees averaging 30 cm (12 in) or more in d.b.h.

³Areas have been reduced to reflect conversion to agroforest. The adjustment is based on the proportion of field plots mapped as forest on 1975 photos but found to be agroforest in 1983.

TYPE CLASSIFICATIONS

For mapping purposes, the island of Pohnpei was divided into four broad classes: forest, secondary vegetation, agroforest, and nonforest (*fig. 2*).

Forest—The forest class includes seven types:

Upland (UP)

Palm forest (PO)

Swamp forest (SW)

Mangrove forest (MN)

Atoll forest (AT)

Plantation forest (PF)

Dwarf forest (DF)

Secondary vegetation (SV)—Secondary vegetation includes vines, shrubs, and small trees on recently disturbed areas.

Agroforest (AG)—Areas under cultivation for fruit and other food-crop trees and plants are in the agroforest class.

Coconut plantation (CO)

Nonforest—Nonforest areas including marshes, grasslands, and areas developed for urban use.

Marsh (M)

Grassland or savanna (G)

Cropland (C)

Urban (U)

Barren (B)

Water (W)

Forest types have been further subdivided into size and density classes (*table 2*) identified by these codes:

Code	Size class
0	Short, shrub-like stands smaller than 12.5 cm (5 in) in diameter at breast height (d.b.h.)
1	Trees averaging less than 30 cm (12 in) in d.b.h. but 12.5 cm (5 in) or more in d.b.h.
2	Trees averaging 30 cm (12 in) or more in d.b.h.
Code	Density class
H	High—crown closure of main canopy over 70 percent
M	Medium—crown closure of main canopy between 30 and 70 percent
L	Low—crown closure of main canopy less than 30 percent

On the maps, vegetative areas are numbered and identified by symbols in the legends (*table 3*). In each symbol the vegetation type is shown first, followed by the size class and density class. For example, MN1H indicates mangrove less than 30 cm (12 in) in d.b.h., with high density. Where possible, dominant species are indicated. In such cases, the density class is followed by a period, then by one or two letters from the genus name, as in MN1H.S when *Sonneratia alba* makes up at least 20 percent of the mangrove stand. Occasionally, two-storied stands were identified, usually with a sparse main canopy and an understory of secondary vegetation. For example, UP2L/SV.H would indicate an overstory composed of scattered trees of upland species overtopping secondary vegetation with a *Hibiscus tiliaceus* component.

Table 3—Vegetation type codes used for Pohnpei, Federated States of Micronesia, by land class¹

Land class	Vegetation codes	Vegetation types, subtypes and components	Land class	Vegetation codes	Vegetation types, subtypes and components
Forest	UP	Upland forest, various size and density classes apply	Secondary vegetation	PF	Plantation forest, various size and density classes apply
	UP/SV	Secondary vegetation understory		DF	Dwarf or moss forest, various size and density classes apply
	UP/SV.H	<i>Hibiscus</i> understory		SV	Secondary vegetation, size and density classes do not apply
	UP/SV.V	Vine understory		SV.BB	Bamboo component
	UP/SV.H.V	<i>Hibiscus</i> and vine understory		SV.H	<i>Hibiscus</i> component
	UP/SV.S	Shrub understory		SV.V	Vine component
	UP/SV.V.BB	Vine and bamboo understory		SV.V.H	Vine and hibiscus components
	UP.PO	Palm forest component		AG	Agroforest
	UP.PO.I	Ivory nut palm component		AG/SV	Secondary vegetation understory
	UP.PO/SV	Palm component, with secondary vegetation understory		AG.CO	Coconut component
	UP.PO/SV.H	Palm component, with <i>Hibiscus</i> understory	Nonforest	CO	Coconut plantation, various size and density classes apply
	PO	Palm forest, various size and density classes apply		M.F	Freshwater marsh
	PO/SV	Secondary vegetation understory		M.F.C	Freshwater cultivated marsh
	PO/SV.H	<i>Hibiscus</i> understory		M.F.P	Freshwater <i>Phragmites</i> marsh
	PO.I	Ivory nut palm component		M.S	Saline marsh
	PO.UP	Upland forest component		G	Grassland
	SW	Swamp forest, various size and density classes apply		G.B	Barren component
	SW/SV	Secondary vegetation understory		G.CA	Abandoned cultivation
	SW/SV.H	<i>Hibiscus</i> understory		G.D	Disturbed lands
	SW/MN.N	<i>Nypa</i> palm understory		G.F	Fern component
	MN	Mangrove, various size and density classes apply		G.G	Grass component
	MN.N	<i>Nypa</i> palm component		G.P	Pandanus component
	MN.S	<i>Sonneratia</i> component		G.S	Shrub component
	MN.R	<i>Rhizophora</i> component		C	Open cultivation
	MN.X	<i>Xylocarpus</i> component		U	Urban land
	MN.SW	Swamp forest component		U/AG	Agroforest inclusions
	MN.D	Evidence of disturbance		U/C	Cropland inclusions
	MN/SV.S	Shrub understory		U/SV	Secondary vegetation inclusions
	AT	Atoll forest, various size and density classes apply		W	Includes fresh, saline, and bays

¹NOTES:

Size classes and density codes are only used in the forest class and with the coconut plantation type.

Various combinations of components are used, especially within the grassland type, as with G.B.F.P or grassland with barren, fern, and pandanus components.

All components, inclusions, or understory species must be present on at least 20 percent of the mapped area.

VEGETATION TYPE DESCRIPTIONS

A detailed description of land classes and primary types is given below. Classes are described by habitat and major overstory and understory species. Scientific names of dicotyledonae follow those by Fosberg and others (1979). Palm nomenclature follows that of Moore and Fosberg (1956). A partial list of Pohnpeian plants is presented in *table 4*.

Forest

Upland Forest (UP)

At one time, the uplands of Pohnpei were almost completely covered with native forests. Many of these forests have been converted to agroforest or secondary vegetation, at lower elevations. At higher elevations, however, much of the native forest still remains.

Although the composition of upland forests is quite variable, only the palm species are consistently identifiable on aerial photos. Where these occur in relatively pure stands, they are delineated and identified as palm forest (PO). When palms are only a component in a mixed forest type, it is identified as UP1H.PO. Much of the coastal forest has been converted to agroforest. Many remaining stands are heavily disturbed. In such stands, secondary vegetation typically occurs under a scattered overstory of *Mangifera indica*, *Albizia falcataria*, and *Adenanthera pavonina*—all introduced species.

Dominant species in the lower elevation native forests include *Camptosperma brevipetiolata* and *Elaeocarpus carolinensis* (Hosokawa 1954). The palm *Exorrhiza ponapensis* is also abundant. Patches of *Parinari laurina* and *Eugenia carolinensis* are common in some areas. Other large trees include *Parkia korom*, *Palaquium karrak*, *Myristica insularis*, *Cinnamomum carolinense*, *Ficus tinctoria*, *Barringtonia racemosa*, *Terminalia carolinensis*, and *Cynometra ramiflora*.

Small trees under 15 m (50 ft) in height include *Pandanus cominsii*, *Aglaia ponapensis*, *Pandanus* spp., *Eugenia stelechantha*, *Ptychosperma* spp., *Glochidion marianum*, *Claoxylon carolinianum*, and *Discocalyx ponapensis*. The tall herb *Alpinia carolinensis* is also common.

Above 300 m (980 ft), *Parkia korom*, *Cynometra ramiflora*, *Ptychosperma* spp. and *Alpinia carolinensis* become less common, and above 450 m (1470 ft) *Parinari laurina*, *Ficus tinctoria*, *Myristica insularis*, and *Elaeocarpus carolinensis* begin to disappear. The other listed species can be found up to 600 m (1970 ft) in elevation. Above 600 m, only *Camptosperma* grows to 10 m (30 ft) tall and *Clinostigma* to 12 m (40 ft). Other trees tend to be shorter and stunted. Epiphytes, especially mosses, are abundant. This type intergrades into dwarf forest (DF).

Palm Forest (PO)

Palm forests of pure or nearly pure native palm species are found at higher elevations on Pohnpei. Kochop (*Clinostigma ponapensis*) is the most common species between 450 and 600 m (1470 and 1970 ft) and attains a height of 25 to 30 m (80-100 ft). *Ptychosperma hosinoi* and kattai (*P. ledermanniana*) are also present. At lower elevations, clumps of ivory nut palm (*Metroxylon amicarum*) occur in wet areas.

Swamp Forest (SW)

Swamp forests are found in low-lying fresh water areas inland of the mangroves, in river bottoms, and elsewhere where the water table is high. Species common along rivers inland of mangroves include *Heritiera littoralis* and *Cynometra ramiflora*. The most common trees found on inland boggy areas are *Terminalia carolinensis*, *Camptosperma brevipetiolata*, *Pandanus cominsii*, and *Barringtonia racemosa*, in order of decreasing relative size (Hosokawa 1952). *Metroxylon amicarum* is sometimes present as an emergent species but is more commonly seen in patches associated with marsh areas.

Hosokawa (1952) and Stemmerman and Proby (1978) recognized hibiscus swamp as a separate forest type, but this vegetation survey did not. Though *Hibiscus tiliaceus* often grows in swampy places, it is not confined to such habitat and is a common component of secondary vegetation.

Mangrove Forest (MN)

Mangroves consist of trees with roots periodically inundated with sea water. On Pohnpei, mangroves occur along lower portions of rivers and streams and their mouths, and on coastal mud flats and some offshore islets. Where the stands are developed, trees may reach 15 to 30 m (50-100 ft) in height. The mangrove type can be identified on aerial photos by its distinct dark tone and coarse texture. The inland margins of mangroves are sometimes hard to separate from adjacent swamp forests and other types.

Mangroves serve as a natural filtering and nutrient buffering system which settles the silt—providing a slow sustained release of nutrients into the lagoon. Mangroves provide lumber, firewood, and fishing grounds. They also serve as fish nurseries and habitat for birds and fruit bats.

The most common mangrove stand consists of trees of medium size (MN1). A distinctive mangrove type found in Pohnpei is characterized by extensive areas of low, dense growth usually in the interior of large mangrove areas. These areas are especially common where water circulation is limited and the soil is more firm. These stands, called “pidirring” on Pohnpei (Lendvai and Hill 1969), consist mostly of *Rhizophora* with some *Bruguiera* trees—which are too small to be useful for wood products. Such areas are designated MN0 on the maps. Timber volumes in mangrove forests were inventoried in 1984 (Petteys and others 1986).

Sonneratia alba is dominant on the seaward side of the mangrove (Glassman 1952). At the mouths of larger rivers or around bay indentations, *Rhizophora mucronata* and *R. apiculata* may occur as pure stands mixed with *S. alba* and some *Bruguiera gymnorhiza*. On the landward side of man-

Table 4—Partial list of plant species of Pohnpei

Genus	Species	Author	Family
Acrostichum	aureum	L.	Pteridaceae
Adenanthera	pavonina	L.	Mimosaceae
Ageratum	conyzoides	L.	Compositae
Aglaia	ponapensis	Kaneh.	Meliaceae
Albizia	falcata	(L.) Fosb.	Mimosaceae
Alpinia	carolinensis	Koidz.	Zingiberaceae
Annona	muricata	L.	Annonaceae
Artocarpus	altilis	(Park) Fosb.	Moraceae
Artocarpus	mariannensis	Trec.	Moraceae
Barringtonia	racemosa	(L.) Spreng.	Lecythidaceae
Bruguiera	gymnorhiza	(L.) Lam.	Rhizophoraceae
Calophyllum	inophyllum	L.	Guittiferae
Campnosperma	brevipetiolata	Volk.	Anacardiaceae
Canaga	odorata	(Lam.) Hook. f & Thoms.	Annonaceae
Carica	papaya	L.	Caricaceae
Cassia	spp.	L.	Mimosaceae
Casuarina	litorea	L.	Casuarinaceae
Cenchrus	echinatus	L.	Gramineae
Cinnamomum	carolinense	Koidz.	Lauraceae
Citrus	spp.	-	Rutaceae
Claoxylon	carolinianum	Pax & Hoffm.	Euphorbiaceae
Clinostigma	ponapensis	(Becc.) Moore & Fosb.	Palmae
Cocos	nucifera	L.	Palmae
Cordia	subcordata	Lamarck	Boraginaceae
Cynometra	ramiflora	L.	Caesalpiniaceae
Cyperus	javanicus	Houtt.	Cyperaceae
Derris	trifoliata	Lour.	Fabaceae
Desmodium	heterocarpon	(L.) DC.	Fabaceae
Desmodium	var. strigosum	V. Meeuwen	Fabaceae
Dioscorea	spp.	-	Dioscoreaceae
Discocalyx	ponapensis	Mez	Myrsinaceae
Echinochloa	colonom	(L.) Link	Gramineae
Elaeocarpus	carolinensis	Koidz.	Tiliaceae
Eleocharis	geniculata	(L.) Roemr & Schultes	Cyperaceae
Elephantopus	mollis	Hbk.	Compositae
Eleusine	indica	(L.) Gaertn.	Gramineae
Eragrostis	amabilis	(L.) Wight & Arn. ex Hook.	Gramineae
Eugenia	carolinensis	Koidz.	Myrtaceae
Eugenia	stelechantha	(Diels) Kaneh.	Myrtaceae
Ficus	tinctoria	Forst. F.	Moraceae
Fimbristylis	cymosa	R.Br.	Cyperaceae
Fragraea	berteriana	(Gilg & Bened.) Fosb.	Gentianaceae
Gleichenia	linearis	(Burm.F.) C.B.Cl.	Gleicheniaceae
Gleichenia	weatherbyi	Fosb.	Gleicheniaceae
Glochidion	marianum	Muell.-Arg.	Euphorbiaceae
Guettarda	speciosa	L.	Rubiaceae

(continued)

groves, the species mix may include *Lumnitzera littorea* and *Xylocarpus granatum*. Where estuaries become river-like, *Rhizophora* drops out, *Sonneratia* remains common, and *Bruguiera*, *Xylocarpus*, and *Lumnitzera* become more common. *Heritiera littoralis* is common along the landward side of mangroves and upstream.

Stands of *Nypa fruticans* occur along the lower portions and mouths of some rivers. In some regions vegetation typing systems include a *Nypa* swamp type. In Micronesia, however, this species generally does not occur in areas wide enough to be delineated. Where it makes up at least 20 percent of the canopy of a type island, its presence is indicated by the letter N, as the second N in MN1H.N (table 3).

Atoll Forest (AT)

Atoll forest is an association of species generally occurring toward the interior of larger and wetter uninhabited atolls and just inland of the strand on sandy or rocky coasts of low and high islands. Species commonly found in atoll forests include an outer fringe of shrubby *Scaevola taccada*, *Tournefortia argentea*, *Sophora tomentosa*, and on rocky substrate *Pemphis acidula*. *Tournefortia* and *Pemphis* may grow into well-formed small trees. Tall *Casuarina litorea* trees may be present especially along the leeward shore. Other tree species include *Calophyllum inophyllum*, *Cordia subcordata*, *Hernandia sonora*, *Guettarda speciosa*, *Pandanus* spp.,

Table 4—Partial list of plant species of Pohnpei (continued)

Genus	Species	Author	Family
Heritiera	littoralis	Dry.	Sterculiaceae
Hernandia	sonora	L.	Hernandiaceae
Hibiscus	tiliaceus	L.	Malvaceae
Ipomoea	mauritiana	Jacq.	Convolvulaceae
Ipomoea	pes-caprae	(L.) V.Ooststr.	Convolvulaceae
Ischaemum	chordatum	(Trin.) Hack. RX Warb.	Gramineae
Lippia	nodiflora	(L.) Rich.	Verbenaceae
Lumnitzera	littorea	(Jack) Voigt	Combretaceae
Mangifera	indica	L.	Anacardiaceae
Merremia	peltata	(L.) Merr.	Convolvulaceae
Metroxylon	amicarum	(Wendl.) Becc.	Palmae
Mimosa	pudica	L.	Mimosaceae
Morinda	citrifolia	L.	Rubiaceae
Musa	spp.	-	Musaceae
Myristica	insularis	Kaneh.	Myristicaceae
Nypa	fruticans	Wurmb	Palmae
Palaquium	karak	Kaneh.	Sapotaceae
Pandanus	cominsii	Hemsl.	Pandanaceae
Pangium	edule	Reinw. ex Bl.	Flacourtiaceae
Parinari	laurina	Gray	Chrysobalanaceae
Parkia	korom	Kaneh.	Mimosaceae
Paspalum	distichum	L.	Gramineae
Passiflora	foetida	(DC.) Killip	Passifloraceae
Pemphis	acidula	Forst. F.	Lythraceae
Phragmites	karka	(Retz.) Trin. ex Steud.	Gramineae
Piper	methysticum	Forst. F.	Piperaceae
Piper	ponapense	C.DC.	Piperaceae
Pisonia	grandis	R. Brown	Nyctaginaceae
Premna	obtusifolia	R. Brown	Verbenaceae
Pterocarpus	indicus	Willd.	Fabaceae
Ptychosperma	hosinoi	(Kaneh.) Moore & Fosb.	Palmae
Ptychosperma	ledermanniana	(Becc.) Moore & Fosb.	Palmae
Rhizophora	apiculata	Bl.	Rhizophoraceae
Rhizophora	mucronata	Lam.	Rhizophoraceae
Saccharum	officinatum	L.	Gramineae
Scaevola	taccada	(Gaert.) Rox.	Goodeniaceae
Sonneratia	alba	J.E. Smith	Sonneratiaceae
Sophora	tomentosa	L.	Papilionatae
Stachytarpheta	jamaicensis	(L.) Vahl	Verbenaceae
Terminalia	carolinensis	Kaneh.	Combretaceae
Terminalia	catappa	L.	Combretaceae
Tournefortia	argentea	(L.F.) Johnston	Boraginaceae
Vernonia	cinerea	(L.) Less	Compositae
Vigna	marina	(Burm.) Merr.	Fabaceae
Wollastonia	biflora	(L.) DC.	Compositae
Xylocarpus	granatum	Koen.	Meliaceae

Pisonia grandis, *Terminalia catappa*, *Morinda citrifolia*, *Hibiscus tiliaceus*, *Ficus* spp., and *Premna obtusifolia*.

Only 1 ha (2.5 acres) of this type was identified in the survey (tables 1 and 2).

Plantation Forest (PF)

Plantation forests are stands planted for commercial forest production and erosion control. The type is limited to small species introduction trials near forestry stations and to two narra (*Pterocarpus indicus*) plantations established during the Japanese era (1914-1945).

Dwarf Forest (DF)

Moss forest (typed as dwarf forest for this survey) occurs along Pohnpei's highest ridges. Total area, however, is small.

Secondary Vegetation

Areas of secondary vegetation are covered with a tangle of fast-growing vines, shrubs, and small trees. Some areas of secondary vegetation may represent a successional stage following disturbance of natural forest. Quite often, areas of secondary vegetation are Micronesian gardens in a fallow phase. On Pohnpei, *Hibiscus tiliaceus* usually predominates and often forms almost pure stands. This short scrubby tree

grows in a wide variety of locations from swamps to hillsides. It is a common invader on abandoned agricultural sites. In some areas, especially along roads, a variety of other species may be found.

Agroforest

Agroforests were created by Micronesians, with some assistance in seed dispersal from fruit bats and birds. Agroforests include a mixture of fruit and other useful trees and vegetable crops, generally established near villages. Scattered coconut trees and breadfruit trees are an indicator of agroforest. The canopy is often uneven and may be interspersed with open areas of taro patches, small open canopy gardens, and areas of secondary vegetation—all too small to be delineated as separate types.

The area of agroforest in Pohnpei has greatly increased in recent years—in response to a rapidly increasing population. A recent ground survey identified over 11,000 ha of this type—about double that mapped on the 1975 photos. The agroforest type accounts for about one-third of the land area of Pohnpei (fig. 2).

Agroforests that contain more than 20 percent coconut (*Cocos nucifera*) trees are designated as AG.CO. Other common species include breadfruit (*Artocarpus* spp.), mango (*Mangifera indica*), bananas (*Musa* spp.), and sometimes false durian (*Pangium edule*). The understory commonly includes *Cananga odorata*, *Citrus* spp., sei (*Annona muricata*), mamiap (*Carica papaya*), patches of yams (*Dioscorea* spp.), saku (*Piper methysticum*), sugarcane, pineapple, and a number of ornamentals. The native pwur (*Fragaria berteri-ana* var. *sair*) with its fragrant flowers often grows around homesteads.

Agricultural activities on Pohnpei are not confined to agroforest areas. Small scattered yam (*Dioscorea* spp.) patches and plots of *Piper methysticum* are often cultivated underneath the forest canopy. Such areas are not visible on aerial photographs, and—in any case—are too small to map.

Coconut Plantation (CO)

Dense groves of coconut trees that were originally planted for commercial reasons are designated as CO. A distinctive feature of this type is the geometric planting pattern of the groves.

Nonforest

Marsh (M)

Areas dominated by grasses, sedges, and herbs that grow in standing water most of the year are classified as marshes. Types of marshes include saline and freshwater.

Marsh, saline (M.S)—Areas generally along the coast or adjacent to mangroves and periodically inundated by saltwater, are classified as saline marshes. Common herbaceous species include *Cyperus javanicus*, *Derris trifoliata* (at the

edge of mangroves especially), *Eleocharis geniculata*, *Fimbristylis cymosa*, *Ipomoea pes-caprae* ssp. *brasiliensis*, *Lippia nodiflora*, *Paspalum distichum*, *Vigna marina*, and *Wollastonia biflora*. A number of woody species characteristic of strand, swamp forest, and mangrove may surround marshes or be sparsely scattered in the marshes.

Marsh, freshwater (M.F)—Marshes just slightly above sea level and surrounded by mangrove (Stemmerman and Proby 1978); or in depressions in upland areas. The vegetation in these areas may be:

- Short sedges, mixtures of sedges and other low herbaceous growth, or mixtures of sedges and taller herbaceous growth; and where water is somewhat brackish, *Acrostichum aureum*
- Tall reeds, usually *Phragmites karka* (designated M.F.P)
- Cultivated marshes, usually taro patches (designated M.F.C).

Grassland (G)

Grasslands or “savanna” are areas with a single layer of low herbaceous cover. Shrubs and trees, if present, are widely scattered. The soils are generally infertile and poorly drained clays.

Grasslands are thought to be the result of destruction of the forest vegetation, particularly by fire, which removed the humus layer and exposed the soil to rain and sun. As frequent fires degrade the soil, tree species gradually disappear.

Seven subtypes of grasslands have been delineated:

- Areas of patchy herbaceous growth—generally low grasses and sedges—on barren, degraded sites. Patches of bare soil are common (designated G.B).
- Areas in which predominant cover is a tangled mat of *Gleichenia* fern (designated G.F). Such areas are subject to frequent burning and the soils are generally heavy infertile clays. On Pohnpei, this type replaces the mix of native and introduced shrubs, *Pandanus* spp., and herbaceous vegetation that are characteristic of savanna in the western Caroline Islands. At higher elevations, *G. weatherbyi* forms almost impenetrable patches. At lower elevations, especially near Palikir, where fires are more common, the cover consisting of *G. linearis* is thinner and soil more degraded.
- Grasslands with a mixture of graminoid species and shrubs (designated G.S). The species present may be specific to savanna grasslands.

• Grasslands once under cultivation (designated G.CA). Where soils are not so degraded, as they are in areas abandoned after cultivation, a number of herbaceous weedy species may be found. On Pohnpei, the list of weeds include *Ischaemum chordatum* (sometimes forming pure dense cover), *Cassia* spp., *Mimosa pudica*, *Passiflora foetida*, *Ipomoea mauritiana*, *Merrenia peltata*, *Piper ponapense*, *Stachytarpheta jamaicensis*, *Elephantopus mollis*, *Ageratum conyzoides*, *Vernonia cinerea*, *Desmodium heterocarpon* var. *strigosum*, *Eragrostis amabilis*, *Cenchrus echinatus*, *Eleusine indica*, *Paspalum distichum*, and *Echinochloa colonum*.

- Open areas with predominantly grass or grass-like ground cover (designated G.G).
- Grasslands with a mixture of graminoid species and *Pandanus* spp. (designated G.P).
- Areas that bear signs of having been disturbed by recent human activity such as bulldozing. Generally, these areas will remain degraded grasslands, due to the loss of the humus layer (designated G.D).

Cropland (C)

Cultivated land with no tree cover. Most garden areas, however, are too small to delineate and are included with other land classes such as agroforest or secondary vegetation.

Urban (U)

Towns, villages, and areas developed for nonforest, non-agricultural use. Where features such as buildings and roads are interspersed with vegetation, the area may be classed as Urban/Secondary vegetation (U/SV), Urban/Agroforest land (U/AG), or Urban/Cropland (U/C).

Barren (B)

Areas such as rock or sterile soil that lack natural vegetation, are delineated as barren.

Water (W)

Includes both fresh and brackish water.

GLOSSARY

Agroforest: Land where planted fruit trees and other agricultural plants are cultured among forest trees.

D.b.h.: Diameter at breast height. Tree diameter outside bark measured at breast height, 1.3 m above the ground.

Forest land: Land at least 10 percent stocked by live trees or land formerly having such tree cover and not currently developed for nonforest use.

Land area: Land area includes dry land and land temporarily or partially covered by water, such as marshes, swamps, and river flood plains; streams or sloughs.

Land class: A classification of land by major use or major vegetative characteristics; i.e., forest, secondary vegetation, agroforest, and nonforest.

Nonforest land: Land that has never supported forests or was formerly forested and is currently developed for non-forest use.

Secondary vegetation: A vegetation type characterized by small, fast-growing trees and vines, usually weedy invaders.

Vegetation type: An area delineated on the maps as having similar plant composition to one of the types described in the section on type classification.

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POHNPEI ISLANDS

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VEGETATION LEGEND

For explanation of vegetation type codes see Table 3.

ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)
3	AG CO	36	172	MNTH	4	332	SV	6.9
4	MNTH/SVS	1.2	173	LNTH	4	333	MNHR	4
5	MNTH	235	174	SVH	1.2	334	MNTH	27.6
6	MNTH	5.3	175	U	4	335	SV	4
7	MNTH	2.4	176	UPIL/SVH	4.5	336	SV	4
8	MNTH	1.2	177	U	2.0	337	G G	4
9	MNTH	3.6	178	MNTH	4	338	G G	8
10	MNTH	1.2	179	SV	6	341	AG CO	9.7
11	U	33.6	180	AG	4	342	AG CO	3.2
12	G G	6.1	181	MNTH	1.6	343	AG CO	6.9
13	G G	1.3	182	MNTH	2.4	345	AG CO	1.2
14	MNTH	19.8	183	UPH	8	346	UPIL/SVH	12.5
15	SVH	154	184	SVH	1.6	347	C	4
16	MNTH	2.0	185	U/SV	1.2	348	C	3.6
17	MNTH	3.2	186	SV	7.7	349	G G	2.0
18	MNTH	3.6	187	SVH	1.6	350	UPH	1.2
19	AG CO	2.0	188	SV	4	351	SV	4
20	MNTH	1.2	189	UPIL/SVH	7.7	352	SV	4
21	AG CO	3.6	190	UPH	8	353	U	1.2
22	MNTH	2.4	191	G S	3.6	354	MNTH	3.6
23	MNTH	1.2	192	W	4	355	AG CO	2.8
24	MNTH	1.2	193	W	4	356	AG CO	4
25	MNTH	55.4	194	G G	2.4	357	G F S	2.8
26	SVH	1.6	195	AG CO	10.9	358	UPH	4.0
27	MNTH	2.4	196	AG CO	2.0	359	UPH/SV	2.4
28	MNTH	2.4	197	AG	8.1	360	UPH/SV	11.7
29	U	3.6	198	MNTH	4	361	SVH	2.0
30	AG CO	8.5	199	MNTH	4	362	G G	4
31	MNTH	2.0	200	MNTH	4	363	SV	2.4
32	UPIL/SVH	4.5	201	MNTH	4	364	SV	1.2
33	UPIL/SVH	4	202	MNTH	4	365	MNTH	4
34	UPIL/SVH	4	203	SVH	4	366	AG CO	2.8
35	UPIL/SVH	4	204	U	4	367	G F S	8
36	UPIL/SVH	4	205	G S	1.6	368	G F S	8
37	UPIL/SVH	4	206	UPH	4	369	AG	4
38	UPIL/SVH	4	207	UPH	1.2	370	SVH	8
39	UPIL/SVH	4	208	UPH	4	371	SVH	4.9
40	UPIL/SVH	4	209	UPH	4	372	SVH	4.9
41	UPIL/SVH	4	210	UPH	4	373	SVH	4.9
42	UPIL/SVH	4	211	UPH	4	374	SVH	4.9
43	UPIL/SVH	4	212	UPH	4	375	SVH	4.9
44	UPIL/SVH	4	213	UPH	4	376	SVH	4.9
45	UPIL/SVH	4	214	UPH	4	377	SVH	4.9
46	UPIL/SVH	4	215	UPH	4	378	SVH	4.9
47	UPIL/SVH	4	216	UPH	4	379	SVH	4.9
48	UPIL/SVH	4	217	UPH	4	380	SVH	4.9
49	UPIL/SVH	4	218	UPH	4	381	SVH	4.9
50	UPIL/SVH	4	219	UPH	4	382	SVH	4.9
51	UPIL/SVH	4	220	UPH	4	383	SVH	4.9
52	UPIL/SVH	4	221	UPH	4	384	SVH	4.9
53	UPIL/SVH	4	222	UPH	4	385	SVH	4.9
54	UPIL/SVH	4	223	UPH	4	386	SVH	4.9
55	UPIL/SVH	4	224	UPH	4	387	SVH	4.9
56	UPIL/SVH	4	225	UPH	4	388	SVH	4.9
57	UPIL/SVH	4	226	UPH	4	389	SVH	4.9
58	UPIL/SVH	4	227	UPH	4	390	SVH	4.9
59	UPIL/SVH	4	228	UPH	4	391	SVH	4.9
60	UPIL/SVH	4	229	UPH	4	392	SVH	4.9
61	UPIL/SVH	4	230	UPH	4	393	SVH	4.9
62	UPIL/SVH	4	231	UPH	4	394	SVH	4.9
63	UPIL/SVH	4	232	UPH	4	395	SVH	4.9
64	UPIL/SVH	4	233	UPH	4	396	SVH	4.9
65	UPIL/SVH	4	234	UPH	4	397	SVH	4.9
66	UPIL/SVH	4	235	UPH	4	398	SVH	4.9
67	UPIL/SVH	4	236	UPH	4	399	SVH	4.9
68	UPIL/SVH	4	237	UPH	4	400	SVH	4.9
69	UPIL/SVH	4	238	UPH	4	401	SVH	4.9
70	UPIL/SVH	4	239	UPH	4	402	SVH	4.9
71	UPIL/SVH	4	240	UPH	4	403	SVH	4.9
72	UPIL/SVH	4	241	UPH	4	404	SVH	4.9
73	UPIL/SVH	4	242	UPH	4	405	SVH	4.9
74	UPIL/SVH	4	243	UPH	4	406	SVH	4.9
75	UPIL/SVH	4	244	UPH	4	407	SVH	4.9
76	UPIL/SVH	4	245	UPH	4	408	SVH	4.9
77	UPIL/SVH	4	246	UPH	4	409	SVH	4.9
78	UPIL/SVH	4	247	UPH	4	410	SVH	4.9
79	UPIL/SVH	4	248	UPH	4	411	SVH	4.9
80	UPIL/SVH	4	249	UPH	4	412	SVH	4.9
81	UPIL/SVH	4	250	UPH	4	413	SVH	4.9
82	UPIL/SVH	4	251	UPH	4	414	SVH	4.9
83	UPIL/SVH	4	252	UPH	4	415	SVH	4.9
84	UPIL/SVH	4	253	UPH	4	416	SVH	4.9
85	UPIL/SVH	4	254	UPH	4	417	SVH	4.9
86	UPIL/SVH	4	255	UPH	4	418	SVH	4.9
87	UPIL/SVH	4	256	UPH	4	419	SVH	4.9
88	UPIL/SVH	4	257	UPH	4	420	SVH	4.9
89	UPIL/SVH	4	258	UPH	4	421	SVH	4.9
90	UPIL/SVH	4	259	UPH	4	422	SVH	4.9
91	UPIL/SVH	4	260	UPH	4	423	SVH	4.9
92	UPIL/SVH	4	261	UPH	4	424	SVH	4.9
93	UPIL/SVH	4	262	UPH	4	425	SVH	4.9
94	UPIL/SVH	4	263	UPH	4	426	SVH	4.9
95	UPIL/SVH	4	264	UPH	4	427	SVH	4.9
96	UPIL/SVH	4	265	UPH	4	428	SVH	4.9
97	UPIL/SVH	4	266	UPH	4	429	SVH	4.9
98	UPIL/SVH	4	267	UPH	4	430	SVH	4.9
99	UPIL/SVH	4	268	UPH	4	431	SVH	4.9
100	UPIL/SVH	4	269	UPH	4	432	SVH	4.9
101	UPIL/SVH	4	270	UPH	4	433	SVH	4.9
102	UPIL/SVH	4	271	UPH	4	434	SVH	4.9
103	UPIL/SVH	4	272	UPH	4	435	SVH	4.9
104	UPIL/SVH	4	273	UPH	4	436	SVH	4.9
105	UPIL/SVH	4	274	UPH	4	437	SVH	4.9
106	UPIL/SVH	4	275	UPH	4	438	SVH	4.9
107	UPIL/SVH	4	276	UPH	4	439	SVH	4.9
108	UPIL/SVH	4	277	UPH	4	440	SVH	4.9
109	UPIL/SVH	4	278	UPH	4	441	SVH	4.9
110	UPIL/SVH	4	279	UPH	4	442	SVH	4.9
111	UPIL/SVH	4	280	UPH	4	443	SVH	4.9
112	UPIL/SVH	4	281	UPH	4	444	SVH	4.9
113	UPIL/SVH	4	282	UPH	4	445	SVH	4.9
114	UPIL/SVH	4	283	UPH	4	446	SVH	4.9
115	UPIL/SVH	4	284	UPH	4	447	SVH	4.9
116	UPIL/SVH	4	285	UPH	4	448	SVH	4.9
117	UPIL/SVH	4	286	UPH	4	449	SVH	4.9
118	UPIL/SVH	4	287	UPH	4	450	SVH	4.9
119	UPIL/SVH	4	288	UPH	4	451	SVH	4.9
120	UPIL/SVH	4	289	UPH	4	452	SVH	4.9
121	UPIL/SVH	4	290	UPH	4	453	SVH	4.9
122	UPIL/SVH	4	291	UPH	4	454	SVH	4.9
123	UPIL/SVH	4	292	UPH	4	455	SVH	4.9
124	UPIL/SVH	4	293	UPH	4	456	SVH	4.9
125	UPIL/SVH	4	294	UPH	4	457	SVH	4.9
126	UPIL/SVH	4	295	UPH	4	458	SVH	4.9
127	UPIL/SVH	4	296	UPH	4	459	SVH	4.9
128	UPIL/SVH	4	297	UPH	4	460	SVH	4.9
129	UPIL/SVH	4	298	UPH	4	461	SVH	4.9
130	UPIL/SVH	4	299	UPH	4	462	SVH	4.9
131	UPIL/SVH	4	300	UPH	4	463	SVH	4.9
132	UPIL/SVH	4	301	UPH	4	464	SVH	4.9
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134	UPIL/SVH	4	303	UPH	4	466	SVH	4.9
135	UPIL/SVH	4	304	UPH	4	467	SVH	4.9
136	UPIL/SVH	4	305	UPH	4	468	SVH	4.9
137	UPIL/SVH	4	306	UPH	4	469	SVH	4.9
138	UPIL/SVH	4	307	UPH	4	470	SVH	4.9
139	UPIL/SVH	4	308	UPH	4	471	SVH	4.9
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143	UPIL/SVH	4	312	UPH	4	475	SVH	4.9
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145	UPIL/SVH	4	314	UPH	4	477	SVH	4.9
146	UPIL/SVH	4	315	UPH	4	478	SVH	4.9
147	UPIL/SVH	4	316	UPH	4	479	SVH	4.9
148	UPIL/SVH	4	317	UPH	4	480	SVH	4.9
149	UPIL/SVH	4	318	UPH	4	481	SVH	4.9
150	UPIL/SVH	4	319	UPH	4	482	SVH	4.9
151	UPIL/SVH	4	320	UPH	4	483	SVH	4.9
152	UPIL/SVH	4	321	UPH	4	484	SVH	4.9
153	UPIL/SVH	4	322	UPH	4	485	SVH	4.9
154	UPIL/SVH	4	323	UPH	4	486	SVH	4.9
155	UPIL/SVH	4	324	UPH	4	487	SVH	4.9
156	UPIL/SVH	4	325	UPH	4	488	SVH	4.9
157	UPIL/SVH	4	326	UPH	4	489	SVH	4.9
158	UPIL/SVH	4	327	UPH	4	490	SVH	4.9
159	UPIL/SVH	4	328	UPH	4	491	SVH	4.9
160	UPIL/SVH	4	329	UPH	4	492	SVH	4.9
161	UPIL/SVH	4	330	UPH	4	493	SVH	4.9
162	UPIL/SVH	4	331	UPH	4	494	SVH	4.9
163	UPIL/SVH	4	332	UPH	4	495	SVH	4.9
164	UPIL/SVH	4	333	UPH	4	496	SVH	4.9
165	UPIL/SVH	4	334	UPH	4	497	SVH	4.9
166	UPIL/SVH	4	335	UPH	4	498	SVH	4.9
167	UPIL/SVH	4	336	UPH	4	499	SVH	4.9
168	UPIL/SVH	4	337	UPH	4	500	SVH	4.9
169	UPIL/SVH	4	338	UPH	4	501	SVH	4.9
170	UPIL/SVH	4	339	UPH	4	502	SVH	4.9

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MacLean, Colin D.; Cole, Thomas G.;
Whitesell, Craig D.; Falanruw, Marjorie V.;
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Resour. Bull. PSW-1B. Berkeley, CA: Pacific
Southwest Forest and Range Experiment
Station, Forest Service, U.S. Department of
Agriculture; 1986. 9 p. + 11 maps.

ITEM	AG	AREA m ² /m ² H	ITEM	AG	AREA m ² /m ² H
1	AG CO	71.2	15	MNH	2.0
5	MNH	4.0	16	SV	4
6	MNH	1.6	17	UPH	8
7	UPH	1.5	18	MNH	4
8	MNH	3.2	19	CO	2
9	MNH	3.2	20	UPH	4
10	MNH	5.7	21	UPH	1.8
12	MNH	18.2	22	UPH	2.0
13	MNH	8	23	UPH/VS	28
14	MNH	16.4	24	UPH/VS/H	2.8
15	UPH	1.2	25	MNH	7.3
16	UPH	4.0	26	MNH	61
17	SV	8	27	SV	7.1
18	MNH	12	28	MNH	16
19	MNH	6.5	29	UPH	12
20	SV	4	30	UPH	142
21	MNH	166	31	G	4
22	MNH	2.8	32	UPH	174
23	SV	8	33	UPH/VS/H	6.5
24	UPH	2.0	34	UPH	16
25	SV	4	35	UPH	12
26	UPH	3.6	36	UPH	4
27	SV	6.1	37	UPH	518
28	UPH	14.2	38	UPH/VS	2.8
29	MNH	2.0	39	UPH	4
30	UPH	1.8	40	MNH	8
31	AG CO	18.2	41	MNH	13.3
32	UPH	4	42	MNH	25.1
33	SV/H	4.9	43	UPH	11.7
34	MNH	1.6	44	UPH	2.8
35	AG CO	4	45	MNH	24
36	MNH	2.8	46	MNH	2.4
37	SV	8	47	UPH	12
38	UPH	2.4	48	AG CO	28
39	UPH	1.2	49	SV	4
40	G	1.6	50	UPH	2.8
41	MNH	1.6	51	MNH/M	7.7
42	MNH	3.6	52	UPH	2.4
43	AG CO	3.2	53	UPH	2.8
44	MNH	6.5	54	UPH	2.8
45	SV/H	2.8	55	UPH	2.8
46	G	8	56	UPH	2.8
47	SV	4	57	UPH	2.8
48	MNH	6.5	58	MNH	4
49	SV/H	2.8	59	UPH	2.8
50	G	8	60	UPH	2.8
51	MNH	4	61	UPH	2.8
52	SV/H	1.2	62	UPH	2.8
53	AG CO	6	63	UPH	2.8
54	UPH	4	64	UPH	2.8
55	AG CO	5.3	65	UPH	2.8
56	SV	4	66	UPH	2.8
57	UPH	4	67	UPH	2.8
58	MNH	8	68	UPH	2.8
59	MNH	8	69	UPH	2.8
60	MNH	5.3	70	UPH	2.8
61	MNH	3.6	71	UPH	2.8
62	W	4	72	UPH	2.8
63	MNH	2.1	73	UPH	2.8
64	W	4	74	UPH	2.8
65	MNH	1.2	75	UPH	2.8
66	AG CO	4	76	UPH	2.8
67	SV	4	77	UPH	2.8
68	AG CO	4.7	78	UPH	2.8
69	SV/H	4.0	79	UPH	2.8
70	MNH	16	80	UPH	2.8
71	MNH	25	81	UPH	2.8
72	MNH	4	82	UPH	2.8
73	SV/H	1.2	83	UPH	2.8
74	UPH	2.8	84	UPH	2.8
75	MNH	8	85	UPH	2.8
76	UPH	2.8	86	UPH	2.8
77	UPH/VS	8	87	UPH	2.8
78	G	4	88	UPH	2.8
79	UPH	4	89	UPH	2.8
80	SV	3.2	90	UPH	2.8
81	UPH	4	91	UPH	2.8
82	UPH	4	92	UPH	2.8
83	UPH	1.2	93	UPH	2.8
84	MNH	1.2	94	UPH	2.8
85	UPH	4	95	UPH	2.8
86	MNH	2.4	96	UPH	2.8
87	AG CO	4	97	UPH	2.8
88	MNH	8	98	UPH	2.8
89	AG CO	4	99	UPH	2.8
90	MNH	8	100	UPH	2.8
91	AG CO	4	101	UPH	2.8

1:20,000

A horizontal graphic scale bar. The top scale is in kilometers, with markings at 0, 1, and 2. The bottom scale is in nautical miles, with markings at 0, 1, and 2. The bar is divided into alternating black and white segments.

KILOMETERS

NAUTICAL MILES

CONTOUR INTERVAL IN METERS
DATUM IS MEAN SEA LEVEL

SHORELINE (LOW) REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE HAZARDOUS RANGE OF TIDE IS APPROXIMATELY 1 METER

Vegetation map compiled by Pacific Southwest Forest and Ranger Experiment Station and Pacific Northwest Forest and Range Experiment Station, Forest Service, U.S. Department of Agriculture. Cartography by Alan H. Ambacher, USOA - Forest Service, Pacific Southwest Region, Engineering Geomatics Section; 1987.

POHNPEI ISLANDS

Index Map

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MacLean, Colin D.; Cole, Thomas G.; Whitesell, Craig D.; Falanruw, Marjorie V.; Ambacher, Alan H. Vegetation survey of Pohnpei, Federated States of Micronesia. Resour. Bull. PSW-18, Berkeley, CA: Pacific Southwest Forest and Range Experiment Station, Forest Service, U.S. Department of Agriculture; 1986. 9 p. + 11 maps.

VEGETATION LEGEND

For explanation of vegetation type codes see Table 3.

ITEM	LABEL	AREA (Hectares)	ITEM	LABEL	AREA (Hectares)	ITEM	LABEL	AREA (Hectares)
1	MNIH	12	171	AG CO/SV	219	335	SV	4
2	W	8	172	UPH/SV H	478	336	UPH/SV H	65
6	UPH/SV H	186	173	SVH	32	337	MNIH	8
7	AG CO	12	174	SVH	16	338	MNIH	8
8	MNIH	65	175	MNIH R	57	339	G S	2
9	MNIH	247	176	UPH/SV H	1319	341	UPH/SV H	49
10	MNIH	142	177	AG CO	142	342	AG CO	12
11	MNIH	45	178	SVH	28	343	G F	16
12	MNIH	97	179	UPH	73	344	C	4
13	MNIH	20	180	UPH	24	345	MNIH R	2
14	MNIH S	20	182	M F	113	346	SV	12
15	SV	12	183	UPH	49	347	SV V	8
16	MNIH	4	184	UPH/SV H	45	348	MNIH	8
17	SV	28	185	SVH	12	349	SV2H	24
18	MNIH	8	186	G F	350	350	SV	28
19	MNIH	4	187	G F	351	351	SV	4
20	SV	109	188	UPH/SV H	263	352	SV V	8
21	MNIH S	173	190	G F	353	353	MNIH	8
22	SV V H	4	191	G G	8	354	POH I	4
23	SV	154	192	SVH	16	355	UPH/SV H	4
24	MNIH	153	193	G F S	32	356	UPH	4
25	AG CO	16	194	M F	24	357	M F	4
26	AG	24	195	POH I	8	400	MNIH S	20
27	MNIH	53	196	G F S	4	401	MNIH	8
28	AG CO	12	197	UPH/PO	8	402	SV	28
29	MNIH S	8	198	G F S	8	403	UPH	28
30	MNIH S	28	199	G F	73	404	UP2H	49
31	AG	162	200	SVH	28	405	UPH	28
32	AG	162	201	G F	4			
33	MNIH S	8	202	MNIH R	170			
34	MNIH S	8	203	C	12			
35	AG	154	204	G S	105			
36	MNIH S	93	205	AG CO	65			
37	AG	40	206	M F P	69			
38	MNIH	223	207	UP2H	24			
39	U	8	208	G F	57			
40	MNIH S	368	209	AG CO	24			
41	SV	4	210	G F	40			
42	MNIH	12	211	G F S	235			
43	MNIH	376	212	SVH	40			
44	MNIH	12	214	UP2H	20			
45	MNIH	12	215	M F	129			
46	AG	44	216	SV	12			
47	AG CO	105	218	SVH	49			
48	MNIH	220	220	AG CO	40			
49	MNIH	93	221	G F	12			
50	MNIH S	45	222	G S	4			
51	SV	316	223	UP2H	73			
52	AG	198	224	UPH	8			
53	C	226	226	UPH/MSV S	113			
54	SVH	4	227	SV	8			
55	SVH	57	228	POH I	8			
56	SVH	20	229	SVH	20			
57	AG CO	2214	230	G C A F	781			
58	MNIH	4	231	UPH/MSV	425			
59	MNIH S	61	232	AG CO	12			
60	SV	53	233	G G	24			
61	AG CO	170	234	G F	64			
62	AG CO	712	236	UPH	121			
63	SV V H	32	237	AG CO	12			
64	SV	12	238	G O	8			
65	SVH	4	239	G F	20			
66	SV V H	45	240	MNIH	89			
67	MNIH	28	241	C	8			
68	C	4	242	UPH	16			
69	AG	348	243	G F	8			
70	MNIH	138	244	MNIH	40			
71	MNIH S	12	245	AG CO	8			
72	M F P	20	246	SV	8			
73	SV	4	247	G F S	4			
74	UPH	32	248	G S	20			
75	SV	4	249	AG CO	24			
76	AG CO	4	250	M F P	4			
77	SVH	73	251	SW/MSV	117			
78	MNIH	89	255	POH I	4			
79	AG	256	256	AG CO	227			
80	AG CO/SV	97	258	G G	16			
81	MNIH S	40	259	G G	49			
82	MNIH S	154	260	POH I	4			
83	AG	32	261	SV	4			
84	MNIH	28	262	SV	32			
85	SVH	65	263	G F	8			
86	AG CO/SV	186	265	G S	263			
87	SVH	16	266	C S	18			
88	UP2H	24	267	MNIH R	32			
89	SVH	77	268	MNIH R	36			
90	UPH	77	269	MNIH	328			
91	SV	8	270	UPH	421			
92	AG	328	271	C	4			
93	SVH	81	272	G F S	61			
94	G G	16	273	G F S	8			
95	UPH	194	274	W	186			
96	UPH	16	275	AG CO	53			
97	AG	12	276	G F S	4			
98	SVH	20	277	AG CO	12			
99	SVH	12	278	U	6			
100	SV V	24	279	UPH/MSV	89			
101	SV V H	20	281	MNIH S	77			
102	AG CO	308	282	SV	45			
103	UPH/MSV	24	283	UPH/MSV H	85			
104	UPH	12	284	C	4			
105	AG CO/SV	4	285	SV V H	182			
106	UPH	8	286	UPH	61			
107	POH I	77	287	G C A F	49			
108	MNIH S	4	288	POH	4			
109	UPH	53	289	UPH/MSV H	45			
110	UP2H	32	290	MNIH R	4			
111	SV	36	292	MNIH	12			
112	SVH	36	293	G B	8			
113	UP2H	16	294	MNIH R	20			
114	UPH/MSV H	36	295	UPH/MSV H	182			
115	AG	45	296	UPH/MSV	12			
116	UPH/MSV H	2153	297	G G	4			
117	AG	16	298	AG CO	8			
118	SVH	36	300	MNIH	16			
119	UPH	73	302	UPH/MSV H	40			
120	UPH	12	303	G G	16			
121	UPH	45	304	AG CO	28			
122	SVH	24	305	AG CO	65			
123	UPH	28	306	AG CO	16			
124	UP2H	28	307	UPH/MSV	36			
125	UP2H	154	308	AG CO	4			
126	SVH	4	309	SV V	8			
127	UPH	28	310	MNIH R	20			
128	UPH/MSV H	85	311	SV	20			
129	UPH/MSV H	32	312	AG CO	28			
130	SV V	6	313	G F S	23			
131	MNIH	21	314	AG CO	138			
132	AG CO	20	315	G F S	12			
133	SV	28	316	AG CO	49			
134	UPH	429	317	MNIH R	8			
135	SVH	12	318	SV V H	73			
136	SV V H	89	319	UPH/MSV H	89			
137	AG	312	320	G F	8			
138	UPH	134	321	AG CO	138			
139	SVH	16	322	SV V H	81			
140	SVH	57	323	G F S	12			
141	UPH	89	324	AG CO	93			
142	AG CO	24	325	POH	24			
143	AG CO	45	326	G F	20			
144	UPH/MSV H	571	327	AG CO	4			
145	SV V	28	328	MNIH	113			
146	AG CO	227	330	SV V	57			
147	MNIH R	28	331	AG CO	49			
148	MNIH S	225	332	SV V H	53			
149	UPH	16	333	SV	8			
150	MNIH	4	334	G G	8			

1:20,000

CONTOUR INTERVAL 10 METERS
DATUM IS MEAN SEA LEVEL

SHORELINE LINE REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1 METRE

Vegetation map compiled by Pacific Southwest Forest and Ranger
Experiment Station and Pacific Northwest Forest and Range
Experiment Station, Forest Service, U.S. Department of Agriculture.
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POHNPEI ISLANDS

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Station, Forest Service, U.S. Department of
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ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)
2	UPILSV	6.1	334	SV	6.1	511	UPH	1.2	689	UPMPO	1.2	859	UPMPO	1.2
3	UPILSV	8	170	UPH	10.1	335	UPH	12.4	512	SV	2.4	513	SV	2.4
4	G	172	6	UPH	8.9	336	UPH	12.1	514	SV	12.1	515	SV	12.1
5	AGCO	4	173	C	12	337	UPH	4.9	516	POH	8	517	POH	8
6	SV	3.2	174	SVH	8	338	AG	4	518	POH	1.2	519	POH	1.2
7	SV	3.2	175	SVH	8	339	SVV	1.2	520	SVV	1.2	521	SVV	1.2
8	SV	3.2	176	UPH	4.5	340	UPH	2.8	522	AGCO	2.8	523	AGCO	2.8
9	SV	3.2	177	G	8	341	UPM/SVH	7.7	524	AGCO	2.8	525	AGCO	2.8
10	G	12	178	SV	8	342	SV	8	526	AGCO	2.8	527	AGCO	2.8
11	SV	24.3	179	G	8	343	AG	10.2	528	AGCO	2.8	529	AGCO	2.8
12	UPILSVH	40.9	180	G	8	344	AGCO	2.0	530	UPMPO	13.4	531	UPMPO	13.4
13	SV	4.0	181	UPH	12	345	SV	12	532	UPMPO	13.4	533	UPMPO	13.4
14	SV	4.0	182	UPH	12	346	SV	12	534	UPMPO	13.4	535	UPMPO	13.4
15	G	4	183	SV	16	347	AGCO	3.6	536	UPMPO	13.4	537	UPMPO	13.4
16	SV	4	184	SVH	16	348	SV	3.6	538	UPMPO	13.4	539	UPMPO	13.4
17	UPH	8	185	AGCO	2.8	349	UPM/SVH	16	540	UPH	2.7	541	UPH	2.7
18	SVH	40.9	186	SV	8	350	UPH	34.0	542	UPH	2.7	543	UPH	2.7
19	SV	4	187	AG	8	351	AG	6.1	544	UPH	2.7	545	UPH	2.7
20	UPH	12.9	188	AGCO	2.8	352	UPH	2.8	546	UPH	2.7	547	UPH	2.7
21	UPH	12.9	189	UPH	7.7	353	UPH	2.8	548	UPH	2.7	549	UPH	2.7
22	UPH	12.9	190	UPH	7.7	354	UPH	2.8	550	UPH	2.7	551	UPH	2.7
23	UPH	12.9	191	UPH	7.7	355	UPH	2.8	552	UPH	2.7	553	UPH	2.7
24	UPH	12.9	192	UPH	7.7	356	UPH	2.8	554	UPH	2.7	555	UPH	2.7
25	UPH	12.9	193	UPH	7.7	357	UPH	2.8	556	UPH	2.7	557	UPH	2.7
26	UPH	12.9	194	UPH	7.7	358	UPH	2.8	558	UPH	2.7	559	UPH	2.7
27	UPH	12.9	195	UPH	7.7	359	UPH	2.8	560	UPH	2.7	561	UPH	2.7
28	UPH	12.9	196	UPH	7.7	360	UPH	2.8	562	UPH	2.7	563	UPH	2.7
29	UPH	12.9	197	UPH	7.7	361	UPH	2.8	564	UPH	2.7	565	UPH	2.7
30	UPH	12.9	198	UPH	7.7	362	UPH	2.8	566	UPH	2.7	567	UPH	2.7
31	UPH	12.9	199	UPH	7.7	363	UPH	2.8	568	UPH	2.7	569	UPH	2.7
32	UPH	12.9	200	UPH	7.7	364	UPH	2.8	570	UPH	2.7	571	UPH	2.7
33	UPH	12.9	201	UPH	7.7	365	UPH	2.8	572	UPH	2.7	573	UPH	2.7
34	UPH	12.9	202	UPH	7.7	366	UPH	2.8	574	UPH	2.7	575	UPH	2.7
35	UPH	12.9	203	UPH	7.7	367	UPH	2.8	576	UPH	2.7	577	UPH	2.7
36	UPH	12.9	204	UPH	7.7	368	UPH	2.8	578	UPH	2.7	579	UPH	2.7
37	UPH	12.9	205	UPH	7.7	369	UPH	2.8	580	UPH	2.7	581	UPH	2.7
38	UPH	12.9	206	UPH	7.7	370	UPH	2.8	582	UPH	2.7	583	UPH	2.7
39	UPH	12.9	207	UPH	7.7	371	UPH	2.8	584	UPH	2.7	585	UPH	2.7
40	UPH	12.9	208	UPH	7.7	372	UPH	2.8	586	UPH	2.7	587	UPH	2.7
41	UPH	12.9	209	UPH	7.7	373	UPH	2.8	588	UPH	2.7	589	UPH	2.7
42	UPH	12.9	210	UPH	7.7	374	UPH	2.8	590	UPH	2.7	591	UPH	2.7
43	UPH	12.9	211	UPH	7.7	375	UPH	2.8	592	UPH	2.7	593	UPH	2.7
44	UPH	12.9	212	UPH	7.7	376	UPH	2.8	594	UPH	2.7	595	UPH	2.7
45	UPH	12.9	213	UPH	7.7	377	UPH	2.8	596	UPH	2.7	597	UPH	2.7
46	UPH	12.9	214	UPH	7.7	378	UPH	2.8	598	UPH	2.7	599	UPH	2.7
47	UPH	12.9	215	UPH	7.7	379	UPH	2.8	600	UPH	2.7	601	UPH	2.7
48	UPH	12.9	216	UPH	7.7	380	UPH	2.8	602	UPH	2.7	603	UPH	2.7
49	UPH	12.9	217	UPH	7.7	381	UPH	2.8	604	UPH	2.7	605	UPH	2.7
50	UPH	12.9	218	UPH	7.7	382	UPH	2.8	606	UPH	2.7	607	UPH	2.7
51	UPH	12.9	219	UPH	7.7	383	UPH	2.8	608	UPH	2.7	609	UPH	2.7
52	UPH	12.9	220	UPH	7.7	384	UPH	2.8	610	UPH	2.7	611	UPH	2.7
53	UPH	12.9	221	UPH	7.7	385	UPH	2.8	612	UPH	2.7	613	UPH	2.7
54	UPH	12.9	222	UPH	7.7	386	UPH	2.8	614	UPH	2.7	615	UPH	2.7
55	UPH	12.9	223	UPH	7.7	387	UPH	2.8	616	UPH	2.7	617	UPH	2.7
56	UPH	12.9	224	UPH	7.7	388	UPH	2.8	618	UPH	2.7	619	UPH	2.7
57	UPH	12.9	225	UPH	7.7	389	UPH	2.8	620	UPH	2.7	621	UPH	2.7
58	UPH	12.9	226	UPH	7.7	390	UPH	2.8	622	UPH	2.7	623	UPH	2.7
59	UPH	12.9	227	UPH	7.7	391	UPH	2.8	624	UPH	2.7	625	UPH	2.7
60	UPH	12.9	228	UPH	7.7	392	UPH	2.8	626	UPH	2.7	627	UPH	2.7
61	UPH	12.9	229	UPH	7.7	393	UPH	2.8	628	UPH	2.7	629	UPH	2.7
62	UPH	12.9	230	UPH	7.7	394	UPH	2.8	630	UPH	2.7	631	UPH	2.7
63	UPH	12.9	231	UPH	7.7	395	UPH	2.8	632	UPH	2.7	633	UPH	2.7
64	UPH	12.9	232	UPH	7.7	396	UPH	2.8	634	UPH	2.7	635	UPH	2.7
65	UPH	12.9	233	UPH	7.7	397	UPH	2.8	636	UPH	2.7	637	UPH	2.7
66	UPH	12.9	234	UPH	7.7	398	UPH	2.8	638	UPH	2.7	639	UPH	2.7
67	UPH	12.9	235	UPH	7.7	399	UPH	2.8	640	UPH	2.7	641	UPH	2.7
68	UPH	12.9	236	UPH	7.7	400	UPH	2.8	642	UPH	2.7	643	UPH	2.7
69	UPH	12.9	237	UPH	7.7	401	UPH	2.8	644	UPH	2.7	645	UPH	2.7
70	UPH	12.9	238	UPH	7.7	402	UPH	2.8	646	UPH	2.7	647	UPH	2.7
71	UPH	12.9	239	UPH	7.7	403	UPH	2.8	648	UPH	2.7	649	UPH	2.7
72	UPH	12.9	240	UPH	7.7	404	UPH	2.8	650	UPH	2.7	651	UPH	2.7
73	UPH	12.9	241	UPH	7.7	405	UPH	2.8	652	UPH	2.7	653	UPH	2.7
74	UPH	12.9	242	UPH	7.7	406	UPH	2.8	654	UPH	2.7	655	UPH	2.7
75	UPH	12.9	243	UPH	7.7	407	UPH	2.8	656	UPH	2.7	657	UPH	2.7
76	UPH	12.9	244	UPH	7.7	408	UPH	2.8	658	UPH	2.7	659	UPH	2.7
77	UPH	12.9	245	UPH	7.7	409	UPH	2.8	660	UPH	2.7	661	UPH	2.7
78	UPH	12.9	246	UPH	7.7	410	UPH	2.8	662	UPH	2.7	663	UPH	2.7
79	UPH	12.9	247	UPH	7.7	411	UPH	2.8	664	UPH	2.7	665	UPH	2.7
80	UPH	12.9	248	UPH	7.7	412	UPH	2.8	666	UPH	2.7	667	UPH	2.7
81	UPH	12.9	249	UPH	7.7	413	UPH	2.8	668	UPH	2.7	669	UPH	2.7
82	UPH	12.9	250	UPH	7.7	414	UPH	2.8	670	UPH	2.7	671	UPH	2.7
83	UPH	12.9	251	UPH	7.7	415	UPH	2.8	672	UPH	2.7	673	UPH	2.7
84	UPH	12.9	252	UPH	7.7	416	UPH	2.8	674	UPH	2.7	675	UPH	2.7
85	UPH	12.9	253	UPH	7.7	417	UPH	2.8	676	UPH	2.7	677	UPH	2.7
86	UPH	12.9	254	UPH	7.7	418	UPH	2.8	678	UPH	2.7	679	UPH	2.7
87	UPH	12.9	255	UPH	7.7	419	UPH	2.8	680	UPH	2.7	681	UPH	2.7
88	UPH	12.9	256	UPH	7.7	420	UPH	2.8	682	UPH	2.7	683	UPH	2.7
89	UPH	12.9	257	UPH	7.7	421	UPH	2.8	684	UPH	2.7	685	UPH	2.7
90	UPH	12.9	258	UPH	7.7	422	UPH	2.8	686	UPH	2.7	687	UPH	2.7
91	UPH	12.9	259	UPH	7.7	423	UPH	2.8	688	UPH	2.7	689	UPH	2.7
92	UPH	12.9	260	UPH	7.7	424	UPH	2.8	690	UPH	2.7	691	UPH	2.7
93	UPH	12.9	261	UPH	7.7	425	UPH	2.8	692	UPH	2.7	693	UPH	2.7
94	UPH	12.9	262	UPH	7.7	426	UPH	2.8	694	UPH	2.7	695	UPH	2.7
95	UPH	12.9	263	UPH	7.7	427	UPH	2.8	696	UPH	2.7	697	UPH	2.7
96	UPH	12.9	264	UPH	7.7	428	UPH	2.8	698	UPH	2.7	699	UPH	2.7
97	UPH	12.9	265	UPH	7.7	429	UPH	2.8	700	UPH	2.7	701	UPH	2.7
98	UPH	12.9	266	UPH	7.7	430	UPH	2.8	702	UPH	2.7	703	UPH	2.7
99	UPH	12.9	267	UPH	7.7	431	UPH	2.8	704	UPH	2.7	705	UPH	2.7
100	UPH	12.9	268	UPH	7.7	432	UPH	2.8	706	UPH	2.7	707	UPH	2.7
101	UPH	12.9	269	UPH	7.7	433	UPH	2.8	708	UPH	2.7	709	UPH	2.7
102	UPH	12.9	270	UPH	7.7	434	UPH	2.8	710	UPH	2.7	711	UPH	2.7
103	UPH	12.9	271	UPH	7.7	435	UPH							

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VEGETATION LEGEND
For explanation of vegetation type codes see Table 3.

ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)
1	UPH	1.2	165	C	4	325	G F	4	498	UPH	150
2	MFP	4.0	166	AG CO	4	326	AG CO	4	499	UPH	150
3	UPH/SVH	11.7	167	UPH	12	327	G F S	12	500	UPH	150
4	SV	168	168	UPH/SV	12	328	UPH/SV	12	501	UPH	150
5	MNH	125	169	AG CO	4	329	UPH	12	502	UPH	150
6	SWH	170	170	AG CO	4	330	U	4	503	UPH	150
7	MNH	171	171	SV	2.0	331	SV	2.0	504	UPH	150
8	W	172	172	G F	4	332	SV	2.0	505	UPH	150
9	SV	173	173	G F	4	333	UPH	12	506	UPH	150
10	SV	174	174	G F	4	334	UPH	12	507	UPH	150
11	AG CO	44.9	175	SV	4	335	UPH/SV	4	508	UPH	150
12	AG CO	7.7	176	SV	4	336	UPH/SV	4	509	UPH	150
13	MNH	29.9	177	SV	3.6	337	POH	4	510	UPH	150
14	UPH/SVH	1.2	178	C	1.2	338	UPH/SVH	4	511	UPH	150
15	UPH/SVH	1.2	179	UPH	1.6	339	UPH	2.0	512	UPH	150
16	UPH/SVH	1.2	180	UPH	1.6	340	UPH	2.0	513	UPH	150
17	UPH/SVH	1.2	181	UPH	1.6	341	UPH	2.0	514	UPH	150
18	UPH/SVH	1.2	182	UPH	1.6	342	UPH	2.0	515	UPH	150
19	UPH/SVH	1.2	183	UPH	1.6	343	UPH	2.0	516	UPH	150
20	UPH/SVH	1.2	184	UPH	1.6	344	UPH	2.0	517	UPH	150
21	UPH/SVH	1.2	185	UPH	1.6	345	UPH	2.0	518	UPH	150
22	UPH/SVH	1.2	186	UPH	1.6	346	UPH	2.0	519	UPH	150
23	UPH/SVH	1.2	187	UPH	1.6	347	UPH	2.0	520	UPH	150
24	UPH/SVH	1.2	188	UPH	1.6	348	UPH	2.0	521	UPH	150
25	UPH/SVH	1.2	189	UPH	1.6	349	UPH	2.0	522	UPH	150
26	UPH/SVH	1.2	190	UPH	1.6	350	UPH	2.0	523	UPH	150
27	UPH/SVH	1.2	191	UPH	1.6	351	UPH	2.0	524	UPH	150
28	UPH/SVH	1.2	192	UPH	1.6	352	UPH	2.0	525	UPH	150
29	UPH/SVH	1.2	193	UPH	1.6	353	UPH	2.0	526	UPH	150
30	UPH/SVH	1.2	194	UPH	1.6	354	UPH	2.0	527	UPH	150
31	UPH/SVH	1.2	195	UPH	1.6	355	UPH	2.0	528	UPH	150
32	UPH/SVH	1.2	196	UPH	1.6	356	UPH	2.0	529	UPH	150
33	UPH/SVH	1.2	197	UPH	1.6	357	UPH	2.0	530	UPH	150
34	UPH/SVH	1.2	198	UPH	1.6	358	UPH	2.0	531	UPH	150
35	UPH/SVH	1.2	199	UPH	1.6	359	UPH	2.0	532	UPH	150
36	UPH/SVH	1.2	200	UPH	1.6	360	UPH	2.0	533	UPH	150
37	UPH/SVH	1.2	201	UPH	1.6	361	UPH	2.0	534	UPH	150
38	UPH/SVH	1.2	202	UPH	1.6	362	UPH	2.0	535	UPH	150
39	UPH/SVH	1.2	203	UPH	1.6	363	UPH	2.0	536	UPH	150
40	UPH/SVH	1.2	204	UPH	1.6	364	UPH	2.0	537	UPH	150
41	UPH/SVH	1.2	205	UPH	1.6	365	UPH	2.0	538	UPH	150
42	UPH/SVH	1.2	206	UPH	1.6	366	UPH	2.0	539	UPH	150
43	UPH/SVH	1.2	207	UPH	1.6	367	UPH	2.0	540	UPH	150
44	UPH/SVH	1.2	208	UPH	1.6	368	UPH	2.0	541	UPH	150
45	UPH/SVH	1.2	209	UPH	1.6	369	UPH	2.0	542	UPH	150
46	UPH/SVH	1.2	210	UPH	1.6	370	UPH	2.0	543	UPH	150
47	UPH/SVH	1.2	211	UPH	1.6	371	UPH	2.0	544	UPH	150
48	UPH/SVH	1.2	212	UPH	1.6	372	UPH	2.0	545	UPH	150
49	UPH/SVH	1.2	213	UPH	1.6	373	UPH	2.0	546	UPH	150
50	UPH/SVH	1.2	214	UPH	1.6	374	UPH	2.0	547	UPH	150
51	UPH/SVH	1.2	215	UPH	1.6	375	UPH	2.0	548	UPH	150
52	UPH/SVH	1.2	216	UPH	1.6	376	UPH	2.0	549	UPH	150
53	UPH/SVH	1.2	217	UPH	1.6	377	UPH	2.0	550	UPH	150
54	UPH/SVH	1.2	218	UPH	1.6	378	UPH	2.0	551	UPH	150
55	UPH/SVH	1.2	219	UPH	1.6	379	UPH	2.0	552	UPH	150
56	UPH/SVH	1.2	220	UPH	1.6	380	UPH	2.0	553	UPH	150
57	UPH/SVH	1.2	221	UPH	1.6	381	UPH	2.0	554	UPH	150
58	UPH/SVH	1.2	222	UPH	1.6	382	UPH	2.0	555	UPH	150
59	UPH/SVH	1.2	223	UPH	1.6	383	UPH	2.0	556	UPH	150
60	UPH/SVH	1.2	224	UPH	1.6	384	UPH	2.0	557	UPH	150
61	UPH/SVH	1.2	225	UPH	1.6	385	UPH	2.0	558	UPH	150
62	UPH/SVH	1.2	226	UPH	1.6	386	UPH	2.0	559	UPH	150
63	UPH/SVH	1.2	227	UPH	1.6	387	UPH	2.0	560	UPH	150
64	UPH/SVH	1.2	228	UPH	1.6	388	UPH	2.0	561	UPH	150
65	UPH/SVH	1.2	229	UPH	1.6	389	UPH	2.0	562	UPH	150
66	UPH/SVH	1.2	230	UPH	1.6	390	UPH	2.0	563	UPH	150
67	UPH/SVH	1.2	231	UPH	1.6	391	UPH	2.0	564	UPH	150
68	UPH/SVH	1.2	232	UPH	1.6	392	UPH	2.0	565	UPH	150
69	UPH/SVH	1.2	233	UPH	1.6	393	UPH	2.0	566	UPH	150
70	UPH/SVH	1.2	234	UPH	1.6	394	UPH	2.0	567	UPH	150
71	UPH/SVH	1.2	235	UPH	1.6	395	UPH	2.0	568	UPH	150
72	UPH/SVH	1.2	236	UPH	1.6	396	UPH	2.0	569	UPH	150
73	UPH/SVH	1.2	237	UPH	1.6	397	UPH	2.0	570	UPH	150
74	UPH/SVH	1.2	238	UPH	1.6	398	UPH	2.0	571	UPH	150
75	UPH/SVH	1.2	239	UPH	1.6	399	UPH	2.0	572	UPH	150
76	UPH/SVH	1.2	240	UPH	1.6	400	UPH	2.0	573	UPH	150
77	UPH/SVH	1.2	241	UPH	1.6	401	UPH	2.0	574	UPH	150
78	UPH/SVH	1.2	242	UPH	1.6	402	UPH	2.0	575	UPH	150
79	UPH/SVH	1.2	243	UPH	1.6	403	UPH	2.0	576	UPH	150
80	UPH/SVH	1.2	244	UPH	1.6	404	UPH	2.0	577	UPH	150
81	UPH/SVH	1.2	245	UPH	1.6	405	UPH	2.0	578	UPH	150
82	UPH/SVH	1.2	246	UPH	1.6	406	UPH	2.0	579	UPH	150
83	UPH/SVH	1.2	247	UPH	1.6	407	UPH	2.0	580	UPH	150
84	UPH/SVH	1.2	248	UPH	1.6	408	UPH	2.0	581	UPH	150
85	UPH/SVH	1.2	249	UPH	1.6	409	UPH	2.0	582	UPH	150
86	UPH/SVH	1.2	250	UPH	1.6	410	UPH	2.0	583	UPH	150
87	UPH/SVH	1.2	251	UPH	1.6	411	UPH	2.0	584	UPH	150
88	UPH/SVH	1.2	252	UPH	1.6	412	UPH	2.0	585	UPH	150
89	UPH/SVH	1.2	253	UPH	1.6	413	UPH	2.0	586	UPH	150
90	UPH/SVH	1.2	254	UPH	1.6	414	UPH	2.0	587	UPH	150
91	UPH/SVH	1.2	255	UPH	1.6	415	UPH	2.0	588	UPH	150
92	UPH/SVH	1.2	256	UPH	1.6	416	UPH	2.0	589	UPH	150
93	UPH/SVH	1.2	257	UPH	1.6	417	UPH	2.0	590	UPH	150
94	UPH/SVH	1.2	258	UPH	1.6	418	UPH	2.0	591	UPH	150
95	UPH/SVH	1.2	259	UPH	1.6	419	UPH	2.0	592	UPH	150
96	UPH/SVH	1.2	260	UPH	1.6	420	UPH	2.0	593	UPH	150
97	UPH/SVH	1.2	261	UPH	1.6	421	UPH	2.0	594	UPH	150
98	UPH/SVH	1.2	262	UPH	1.6	422	UPH	2.0	595	UPH	150
99	UPH/SVH	1.2	263	UPH	1.6	423	UPH	2.0	596	UPH	150
100	UPH/SVH	1.2	264	UPH	1.6	424	UPH	2.0	597	UPH	150
101	UPH/SVH	1.2	265	UPH	1.6	425	UPH	2.0	598	UPH	150
102	UPH/SVH	1.2	266	UPH	1.6	426	UPH	2.0	599	UPH	150
103	UPH/SVH	1.2	267	UPH	1.6	427	UPH	2.0	600	UPH	150
104	UPH/SVH	1.2	268	UPH	1.6	428	UPH	2.0	601	UPH	150
105	UPH/SVH	1.2	269	UPH	1.6	429	UPH	2.0	602	UPH	150
106	UPH/SVH	1.2	270	UPH	1.6	430	UPH	2.0	603	UPH	150
107	UPH/SVH	1.2	271	UPH	1.6	431	UPH	2.0	604	UPH	150
108	UPH/SVH	1.2	272	UPH	1.6	432	UPH	2.0	605	UPH	150
109	UPH/SVH	1.2	273	UPH	1.6	433	UPH	2.0	606	UPH	150
110	UPH/SVH	1.2	274	UPH	1.6	434	UPH	2.0	607	UPH	150
111	UPH/SVH	1.2	275	UPH	1.6	435	UPH	2.0	608	UPH	150
112	UPH/SVH	1.2	276	UPH	1.6	436	UPH	2.0	609	UPH	150
113	UPH/SVH	1.2	277	UPH	1.6	437	UPH	2.0	610	UPH	150
114	UPH/SVH	1.2	278	UPH	1.6	438	UPH	2.0	611	UPH	150
115	UPH/SVH	1.2	279	UPH	1.6	439	UPH	2.0	612	UPH	150
116	UPH/SVH	1.2	280	UPH	1.6	440	UPH	2.0	613	UPH	150
117	UPH/SVH	1.2	281	UPH	1.6	441	UPH	2.0	614	UPH	150
118	UPH/SVH	1.2	282	UPH	1.6	442	UPH	2.0	615	UPH	150
119	UPH/SVH	1.2	283	UPH	1.6	443	UPH	2.0	616	UPH	150
120	UPH/SVH	1.2	284	UPH	1.6	444	UPH	2.0	617	UPH	150
121	UPH/SVH	1.2	285	UPH	1.6	445	UPH	2.0	618	UPH	150
122	UPH/SVH	1.2	286	UPH	1.6	446	UPH	2.0	619	UPH	150
123	UPH/SVH	1.2	287	UPH	1.6	447	UPH	2.0	620	UPH	150
124	UPH/SVH	1.2	288	UPH	1.6	448	UPH	2.0	621	UPH	150
125	UPH/SVH	1.2	289</								

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VEGETATION LEGEND

For explanation of vegetation type codes see Table 3.

ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)
2	SV	170	SVH	170	SVH	170	SVH	170
3	SVVH	12	UPH	171	UPH	171	UPH	171
4	UPH	8	UPH	172	UPH	172	UPH	172
5	UPH	34	UPH	173	UPH	173	UPH	173
6	UPH	73	UPH	174	UPH	174	UPH	174
7	UPH	40	UPH	175	UPH	175	UPH	175
8	UPH	22	UPH	176	UPH	176	UPH	176
9	UPH	4	UPH	177	UPH	177	UPH	177
10	UPH	4	UPH	178	UPH	178	UPH	178
11	UPH	4	UPH	179	UPH	179	UPH	179
12	UPH	4	UPH	180	UPH	180	UPH	180
13	UPH	4	UPH	181	UPH	181	UPH	181
14	UPH	4	UPH	182	UPH	182	UPH	182
15	UPH	4	UPH	183	UPH	183	UPH	183
16	UPH	4	UPH	184	UPH	184	UPH	184
17	UPH	4	UPH	185	UPH	185	UPH	185
18	UPH	4	UPH	186	UPH	186	UPH	186
19	UPH	4	UPH	187	UPH	187	UPH	187
20	UPH	4	UPH	188	UPH	188	UPH	188
21	UPH	4	UPH	189	UPH	189	UPH	189
22	UPH	4	UPH	190	UPH	190	UPH	190
23	UPH	4	UPH	191	UPH	191	UPH	191
24	UPH	4	UPH	192	UPH	192	UPH	192
25	UPH	4	UPH	193	UPH	193	UPH	193
26	UPH	4	UPH	194	UPH	194	UPH	194
27	UPH	4	UPH	195	UPH	195	UPH	195
28	UPH	4	UPH	196	UPH	196	UPH	196
29	UPH	4	UPH	197	UPH	197	UPH	197
30	UPH	4	UPH	198	UPH	198	UPH	198
31	UPH	4	UPH	199	UPH	199	UPH	199
32	UPH	4	UPH	200	UPH	200	UPH	200
33	UPH	4	UPH	201	UPH	201	UPH	201
34	UPH	4	UPH	202	UPH	202	UPH	202
35	UPH	4	UPH	203	UPH	203	UPH	203
36	UPH	4	UPH	204	UPH	204	UPH	204
37	UPH	4	UPH	205	UPH	205	UPH	205
38	UPH	4	UPH	206	UPH	206	UPH	206
39	UPH	4	UPH	207	UPH	207	UPH	207
40	UPH	4	UPH	208	UPH	208	UPH	208
41	UPH	4	UPH	209	UPH	209	UPH	209
42	UPH	4	UPH	210	UPH	210	UPH	210
43	UPH	4	UPH	211	UPH	211	UPH	211
44	UPH	4	UPH	212	UPH	212	UPH	212
45	UPH	4	UPH	213	UPH	213	UPH	213
46	UPH	4	UPH	214	UPH	214	UPH	214
47	UPH	4	UPH	215	UPH	215	UPH	215
48	UPH	4	UPH	216	UPH	216	UPH	216
49	UPH	4	UPH	217	UPH	217	UPH	217
50	UPH	4	UPH	218	UPH	218	UPH	218
51	UPH	4	UPH	219	UPH	219	UPH	219
52	UPH	4	UPH	220	UPH	220	UPH	220
53	UPH	4	UPH	221	UPH	221	UPH	221
54	UPH	4	UPH	222	UPH	222	UPH	222
55	UPH	4	UPH	223	UPH	223	UPH	223
56	UPH	4	UPH	224	UPH	224	UPH	224
57	UPH	4	UPH	225	UPH	225	UPH	225
58	UPH	4	UPH	226	UPH	226	UPH	226
59	UPH	4	UPH	227	UPH	227	UPH	227
60	UPH	4	UPH	228	UPH	228	UPH	228
61	UPH	4	UPH	229	UPH	229	UPH	229
62	UPH	4	UPH	230	UPH	230	UPH	230
63	UPH	4	UPH	231	UPH	231	UPH	231
64	UPH	4	UPH	232	UPH	232	UPH	232
65	UPH	4	UPH	233	UPH	233	UPH	233
66	UPH	4	UPH	234	UPH	234	UPH	234
67	UPH	4	UPH	235	UPH	235	UPH	235
68	UPH	4	UPH	236	UPH	236	UPH	236
69	UPH	4	UPH	237	UPH	237	UPH	237
70	UPH	4	UPH	238	UPH	238	UPH	238
71	UPH	4	UPH	239	UPH	239	UPH	239
72	UPH	4	UPH	240	UPH	240	UPH	240
73	UPH	4	UPH	241	UPH	241	UPH	241
74	UPH	4	UPH	242	UPH	242	UPH	242
75	UPH	4	UPH	243	UPH	243	UPH	243
76	UPH	4	UPH	244	UPH	244	UPH	244
77	UPH	4	UPH	245	UPH	245	UPH	245
78	UPH	4	UPH	246	UPH	246	UPH	246
79	UPH	4	UPH	247	UPH	247	UPH	247
80	UPH	4	UPH	248	UPH	248	UPH	248
81	UPH	4	UPH	249	UPH	249	UPH	249
82	UPH	4	UPH	250	UPH	250	UPH	250
83	UPH	4	UPH	251	UPH	251	UPH	251
84	UPH	4	UPH	252	UPH	252	UPH	252
85	UPH	4	UPH	253	UPH	253	UPH	253
86	UPH	4	UPH	254	UPH	254	UPH	254
87	UPH	4	UPH	255	UPH	255	UPH	255
88	UPH	4	UPH	256	UPH	256	UPH	256
89	UPH	4	UPH	257	UPH	257	UPH	257
90	UPH	4	UPH	258	UPH	258	UPH	258
91	UPH	4	UPH	259	UPH	259	UPH	259
92	UPH	4	UPH	260	UPH	260	UPH	260
93	UPH	4	UPH	261	UPH	261	UPH	261
94	UPH	4	UPH	262	UPH	262	UPH	262
95	UPH	4	UPH	263	UPH	263	UPH	263
96	UPH	4	UPH	264	UPH	264	UPH	264
97	UPH	4	UPH	265	UPH	265	UPH	265
98	UPH	4	UPH	266	UPH	266	UPH	266
99	UPH	4	UPH	267	UPH	267	UPH	267
100	UPH	4	UPH	268	UPH	268	UPH	268
101	UPH	4	UPH	269	UPH	269	UPH	269
102	UPH	4	UPH	270	UPH	270	UPH	270
103	UPH	4	UPH	271	UPH	271	UPH	271
104	UPH	4	UPH	272	UPH	272	UPH	272
105	UPH	4	UPH	273	UPH	273	UPH	273
106	UPH	4	UPH	274	UPH	274	UPH	274
107	UPH	4	UPH	275	UPH	275	UPH	275
108	UPH	4	UPH	276	UPH	276	UPH	276
109	UPH	4	UPH	277	UPH	277	UPH	277
110	UPH	4	UPH	278	UPH	278	UPH	278
111	UPH	4	UPH	279	UPH	279	UPH	279
112	UPH	4	UPH	280	UPH	280	UPH	280
113	UPH	4	UPH	281	UPH	281	UPH	281
114	UPH	4	UPH	282	UPH	282	UPH	282
115	UPH	4	UPH	283	UPH	283	UPH	283
116	UPH	4	UPH	284	UPH	284	UPH	284
117	UPH	4	UPH	285	UPH	285	UPH	285
118	UPH	4	UPH	286	UPH	286	UPH	286
119	UPH	4	UPH	287	UPH	287	UPH	287
120	UPH	4	UPH	288	UPH	288	UPH	288
121	UPH	4	UPH	289	UPH	289	UPH	289
122	UPH	4	UPH	290	UPH	290	UPH	290
123	UPH	4	UPH	291	UPH	291	UPH	291
124	UPH	4	UPH	292	UPH	292	UPH	292
125	UPH	4	UPH	293	UPH	293	UPH	293
126	UPH	4	UPH	294	UPH	294	UPH	294
127	UPH	4	UPH	295	UPH	295	UPH	295
128	UPH	4	UPH	296	UPH	296	UPH	296
129	UPH	4	UPH	297	UPH	297	UPH	297
130	UPH	4	UPH	298	UPH	298	UPH	298
131	UPH	4	UPH	299	UPH	299	UPH	299
132	UPH	4	UPH	300	UPH	300	UPH	300
133	UPH	4	UPH	301	UPH	301	UPH	301
134	UPH	4	UPH	302	UPH	302	UPH	302
135	UPH	4	UPH	303	UPH	303	UPH	303
136	UPH	4	UPH	304	UPH	304	UPH	304
137	UPH	4	UPH	305	UPH	305	UPH	305
138	UPH	4	UPH	306	UPH	306	UPH	306
139	UPH	4	UPH	307	UPH	307	UPH	307
140	UPH	4	UPH	308	UPH	308	UPH	308
141	UPH	4	UPH	309	UPH	309	UPH	309
142	UPH	4	UPH	310	UPH	310	UPH	310
143	UPH	4	UPH	311	UPH	311	UPH	311
144	UPH	4	UPH	312	UPH	312	UPH	312
145	UPH	4	UPH	313	UPH	313	UPH	313
146	UPH	4	UPH	314	UPH	314	UPH	314
147	UPH	4	UPH	315	UPH	315	UPH	315
148	UPH	4	UPH	316	UPH	316	UPH	316
149	UPH	4	UPH	317	UPH	317	UPH	317
150	UPH	4	UPH	318	UPH	318	UPH	318
151	UPH	4	UPH	319	UPH	319	UPH	319
152	UPH	4	UPH	320	UPH	320	UPH	320
153	UPH	4	UPH	321	UPH	321	UPH	321
154	UPH	4	UPH	322	UPH	322	UPH	322
155	UPH	4	UPH	323	UPH	323	UPH	323
156	UPH	4	UPH	324	UPH	324	UPH	324
157	UPH	4	UPH	325	UPH	325	UPH	325
158	UPH	4	UPH	326	UPH	326	UPH	326
159	UPH	4	UPH	327	UPH	327	UPH	327
160	UPH	4	UPH	328	UPH	328	UPH	328
161	UPH	4	UPH	329	UPH	329	UPH	329
162	UPH	4	UPH	330	UPH	330	UPH	330
163	UPH	4	UPH	331	UPH	331	UPH	331
164	UPH	4	UPH	332	UPH	332	UPH	332
165	UPH	4	UPH	333	UPH	333	UPH	333
166	UPH	4	UPH	334	UPH	334	UPH	334
167	UPH	4	UPH	335	UPH	335	UPH	335
168	UPH	4	UPH	336	UPH	336	UPH	336
169	UPH	4	UPH	337	UPH	337	UPH	337

1:20,000

CONTOUR INTERVAL 10 METERS
DATUM IS MEAN SEA LEVEL

1:20,000

Vegetation map compiled by Pacific Southwest Forest and Range
Experiment Station and Pacific Northwest Forest and Range
Experiment Station, Forest Service, U.S. Department of Agriculture.
Cartography by Alan H. Ambacher, USDA - Forest Service, Pacific
Southwest Region, Engineering Geomatics Section, 1987.

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MacLean, Colin D.; Cole, Thomas G.; Whitesell, Craig D.; Fatanruw, Marjorie V., Ambacher, Alan H. Vegetation survey of Pohnpei, Federated States of Micronesia. Resour. Bull. PSW-18. Berkeley, CA: Pacific Southwest Forest and Range Experiment Station, Forest Service, U.S. Department of Agriculture; 1986. 9 p. + 11 maps.

VEGETATION LEGEND

For explanation of vegetation type codes see Table 3.

ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)	
2	UPH/USV/H	103.2	171	SV	8	350	POIH	5.9	520	UPH	2.8	689	SV	2.4	
3	UPH	15.4	172	SVH	4	351	UPH	9.1	521	UPH	18	690	SV	8	
4	UPH	93	174	UPH	65	352	POIH	283	522	UPH/MSV	7.3	692	SVH	16	
6	UPH/MSV/H	8	175	POIH	8	353	POIH	4	523	GF	2.8	693	SVH	16	
7	UPH/MSV/H	4	176	POIH	8	354	UPH	8	524	SV	8	694	SV	4	
9	SVH	2.8	177	POIH	8	356	SV	4	525	UPH/MSV	8	695	SV	4	
10	UPH/MSV/H	32	178	POIH	8	357	UPH	4	526	UPH	2.4	696	SVH	16	
11	SV/H	77	180	POIH	8	358	UPH	12	527	POIH	4	697	POIH	5.3	
12	SV/H	77	181	UPH/PO	86.6	359	UPH	20	529	AG GO	31.2	699	SV	8	
13	UPH	3.6	182	SV	8	361	UPH	5	530	UPH	12	699	AG GO	8	
14	SV/H	4	183	SV	4	362	POIH	158	531	POIH	158	700	AG GO	4	
15	UPH/PO	72.9	184	POIH	4	363	SV/V	24.7	533	UPH	8	700	AG GO	1.0	
18	UPH	97.2	185	POIH	4	364	POIH	5.3	534	UPH	8	701	SV	4	
18	UPH	20	185	UPH	4	365	UPH	110	535	POIH	61	704	UPH	9.7	
20	UPH/PO	53.4	187	SV/H	12	366	UPH	212.9	536	UPH	6.9	705	UPH/MSV/H	11.3	
20	UPH/PO	53.4	189	UPH/PO	5.7	367	UPH	4	537	AG GO	49	706	UPH/MSV/V	4	
21	UPH	1.6	190	POIH	20	368	UPH/MSV	3.6	538	SV	2.8	706	UPH/MSV	4	
22	UPH	6.9	191	POIH	11.3	369	UPH	1.3	539	UPH/MSV/H	6.9	710	UPH	9.7	
23	UPH	6.9	192	SV/H	5.3	371	SV/H	2.4	540	SV/V	5.7	711	SV	11.3	
24	UPH/PO	4	193	POIH	4	372	POIH	8	542	UPH	2.8	710	UPH/MSV/H	11.3	
25	UPH	18.9	194	UPH	1.6	373	SV	3.2	543	UPH	6.9	713	UPH	1.6	
28	UPH	20	195	POIH	4.5	374	SV/H	4	545	SV	12	714	GF	2.8	
28	UPH	256.8	196	POIH	3	375	UPH	20.2	547	AG GO	1.2	715	UPH	4	
28	UPH/PO	6	197	POIH	8	377	UPH	4	547	UPH/MSV	8	716	UPH	2.0	
30	POIH	4	198	POIH	4	378	UPH	8	548	SV/H	4	717	UPH/MSV	4	
31	SV	199	200	POIH	4	379	UPH	4	549	UPH	11.3	718	UPH	12	
32	AG GO	2.0	203	UPH/PO	10.5	380	POIH	8	550	SV	8.5	719	UPH	16	
33	SV/H	4	201	POIH	15.0	381	SV/H	8	551	UPH	10.9	720	UPH	16	
34	AG	1.6	202	UPH	1.6	382	UPH	6.1	552	SV/H	1.6	724	UPH	16	
35	UPH	8	203	UPH/PO	4.9	383	SV	1.6	553	UPH	11.7	725	UPH	15	
36	UPH/MSV/H	15.0	204	AG GO	4	384	GF	4	554	UPH	3.2	726	UPH	16	
38	AG	2.4	209	POIH	2.4	385	POIH	6.5	555	POIH	8	727	UPH/PO	5.6	
40	UPH	20.0	211	SV/H	11.3	387	UPH	4.7	557	SV	1.6	728	GF	5	
42	UPH	6.1	212	SV/H	4	388	UPH	3.2	558	UPH/MSV	19.9	729	UPH/MSV	2.8	
43	SV/H	3.6	214	UPH	213.7	389	POIH	673.9	559	SV/H	4.5	730	SV/H	4	
44	SV	4	215	UPH	12	390	GF	2.4	562	UPH/MSV/H	14.2	732	UPH	2.0	
47	POIH	4	216	POIH	4	391	UPH	16.2	564	UPH	1.6	733	SV/H	12	
47	POIH	4.9	217	POIH	12	392	MF	7.3	565	UPH	8.5	733	UPH	2.0	
48	SV/H	1.6	218	SV	4	393	SV	2.4	566	UPH	10.9	734	UPH	12	
49	20	2.0	219	SV	8	394	SV	2.4	567	UPH	1.2	735	SV/H	3.6	
50	SV	2.4	220	SV	4	395	UPH/PO	10.1	568	SV	4	736	MNH/H	26.3	
51	UPH	138.7	221	SV	12	396	UPH/MSV	3.2	569	AG GO	4	736	MNH/H	26.3	
52	UPH	2.0	222	GF	4	399	SV	4	571	UPH	9.3	738	POIH	2.8	
53	POIH	4	223	SV/H	8	403	UPH	2.0	572	POIH	1.2	739	SV	12	
54	POIH	4	224	POIH	4	402	UPH	5.3	573	2.0	573	2.0	740	POIH	1.2
55	POIH	20	225	POIH	7.7	403	MF	1.6	575	SV	1.2	741	UPH	4	
56	POIH	1.6	226	POIH	8	404	UPH/MSV	6.9	577	SV	1.2	742	POIH	8	
57	SV/H	4	227	POIH	6.5	8	405	UPH	5.9	GF	4	743	MF	16.2	
58	SV	4.5	228	POIH	4	406	UPH	115.7	579	UPH/MSV/H	34.8	744	UPH/PO	4	
60	UPH	8.5	229	UPH/MSV/H	4	407	POIH	10.0	580	SV/H	8.5	745	MF	5	
61	POIH	230	230	UPH	2.0	408	UPH	5.9	581	POIH	1.6	746	UPH/MSV	7.7	
62	UPH/PO	5.7	231	SV	8	409	SV/MSV/H	2.8	583	UPH	34.4	747	SV/H	12	
63	SV/H	78.1	232	SV	8	410	GF	4	584	3.2	584	3.2	748	SV/H	12
64	1.3	2.4	233	GF	8	412	UPH	12.5	585	POIH	7.6	749	UPH	5.7	
65	SV/H	33.2	236	POIH	4	413	UPH	3.9	588	UPH	15.0	750	SV/H	4	
66	SV	2.0	237	SV	4	414	SV	2.7	587	SV	4	751	UPH	8	
67	UPH	77.3	238	POIH	4	415	SV/H	4.9	588	POIH	1.2	752	UPH	2.8	
68	SV	4	239	POIH	4	417	UPH	8	589	SV	1.2	753	MNH/H	2.8	
69	SV	4.9	243	POIH	12	418	UPH	8.1	590	AG GO	21.9	754	SV	8	
70	SV/H	4.9	244	SV/H	1.2	419	SV	8	591	UPH/MSV/V	9.7	755	POIH	2.0	
71	SV	3.6	245	POIH	4	420	UPH	3.2	592	SV	5.7	756	SV	2.0	
72	UPH	2.4	246	POIH	4	421	UPH/MSV/H	5.3	593	UPH	32.8	757	SV	4	
74	GF	3.2	247	SV/H	4	422	UPH/MSV/H	31.2	594	UPH	114.5	758	UPH	8	
75	UPH	1.6	248	POIH	4	423	POIH	7.3	595	POIH	1.2	759	MNH/H	2.8	
77	POIH	7.7	249	POIH	3.2	424	POIH	12	596	SV	4.9	761	UPH	4.0	
78	SV	1.2	250	UPH/MSV	12	425	UPH	15.8	597	SV	2.0	764	MNH/H	2.8	
79	POIH	2.1	251	POIH	6.5	426	GF	1.6	598	UPH	4.5	764	MNH/H	2.8	
80	AG GO	2.4	252	UPH	76.9	427	UPH	74.5	599	SV/H	1.2	765	UPH	18.2	
81	UPH	6.1	253	UPH	18.6	428	UPH	2.0	600	UPH	6.9	766	UPH	3.6	
82	UPH	8.5	255	POIH	1.6	429	UPH	20.2	601	SV	4	768	UPH	13.7	
83	UPH	2.4	256	GF	2.8	430	UPH	20	603	SV/H	8	769	SV	4	
84	UPH	257	257	UPH/MSV/H	4.1	431	UPH/MSV/H	34.8	604	SV/H	1.6	771	SV/H	2.8	
85	UPH/MSV/H	29.5	258	SV	4	433	UPH	9.3	605	UPH	4.5	772	GF	2.8	
86	POIH	93	260	SV/H	20	435	SV/H	4.1	606	UPH	26.3	773	UPH	8	
87	POIH	9.3	262	GF	1.2	436	UPH	1.6	607	UPH	1.2	774	UPH	1.6	
88	POIH	15.0	263	UPH/PO	6.5	437	SV/V	23.5	608	UPH/MSV/H	15.0	775	POIH	8	
89	POIH	1.2	264	UPH	12	438	UPH	69.9	609	UPH	1.2	776	UPH	3.2	
90	AG	51.0	265	SV	4	439	SV	2.4	610	AG GO	8	778	UPH	3.2	
91	UPH/PO	3.2	267	POIH	2.8	440	UPH	9.3	611	SV	1.6	779	UPH	4	
92	POIH	4	268	POIH	2.8	441	UPH	6.1	612	AG GO	14.6	780	POIH	2.0	
93	AG GO	1.6	269	POIH	8.9	442	UPH	2.0	613	UPH	5.7	781	POIH	12	
94	POIH	7.1	16	270	UPH	28	443	UPH	3.2	614	UPH/MSV/V	8	783	UPH	2.0
96	UPH/MSV/H	6.9	272	POIH	12	447	SV	20	616	POIH	1.2	784	GF	8	
97	POIH	12.9	273	UPH/MSV/H	22.7	448	UPH	4	617	UPH	4	785	MNH/H	8.5	
98	POIH	8	275	SV	4	449	UPH	8.5	619	UPH	2.0	786	UPH	7	
99	POIH	8	276	GF	8	450	UPH	3.6	620	SV	8	787	UPH	16	
100	POIH	2.8	277	SV	4	451	SV	4	621	UPH	6.9	788	UPH/MSV	4	
101	POIH	2.8	278	UPH	4	452	UPH	4.9	622	SV/H	6.9	789	UPH	12	
102	SV/H	3.6	279	POIH	4	453	UPH	1.6	623	UPH/PO	2.8	790	UPH	4	
103	UPH	37.6	279	POIH	4	453	UPH	1.6	623	UPH/PO	2.8	791	GF	8	
104	SV/H	1.6	281	SV	4	455	SV	3.2	624	SV/H	3.2	792	SV/H	9.3	
107	SV/H	4.5	282	UPH/PO	21.5	456	UPH/PO	5.3	625	UPH	10.9	794	UPH	3.2	
109	UPH/PO	2.8	284	POIH	4	458	UPH	12.1	627	UPH	3.6	795	UPH	1.6	
110	SV/H	1.2	285	UPH/PO	4	459	UPH	5.3	628	AG GO	1.2	797	POIH	4	
111	SV/H	8	286	UPH	4	460	GF	4	630	SV	8	798	SV	4	
112	POIH	3.2	287	POIH	8	462	UPH	12.9	632	UPH/MSV	11.3	799	U	2.0	
113	UPH	3.2	288	POIH	8	463	UPH/MSV	1.6	633	UPH	2.0	800	MNH/H	2.0	
114	POIH	20	289	GF	10.5	464	UPH	2.0	634	SV	4.9	801	SV	1.2	
115	UPH	3.2	12	291	UPH	4	465	UPH	3.2	635	POIH				

POHNPEI ISLANDS

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VEGETATION LEGEND
For explanation of vegetation type codes see Table 3.

ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)
3	AG CO	32.8	172	UPIM/SV.H	57.9	337	UPH	1.6
4	MNIH	8	173	SV	338	338	UPIM/SV.H	2.0
6	MNZH	49	174	AG CO	1.2	339	UPIM/SV.H	3.4
7	SV.VH	8	175	MNIH	4	340	UPH	4
8	SV.VH	36	176	MNIH	34	341	SV	9.7
10	SV	1.6	177	MNIH	69	342	U	8
11	SV	2.4	178	UPH PO	6.0	343	AG CO	1.6
12	AG CO	1.2	179	SV	34	344	C	4
13	POH I	4	180	SVH	2.4	345	C	4
14	UPH	4	181	MNIH	8	346	POH I	1.2
16	POH I	53	182	POH I	12	347	SV	4
17	UPH	53	183	MNIH	57	348	UPH	2.0
18	AG CO	8	184	AG CO	93	349	UPH	8
19	UPH	4	185	MNIH	16	350	AG CO	8
20	AG CO	267	186	POH I	8	351	UPH	8
21	MNIH	255	187	SV.VH	8	352	SVH	1.6
22	MNIH	49.4	188	UPH	12	353	AG CO	3.6
24	MNIH R	4	189	AG CO	2.0	354	SV	2.0
25	MNIH	25.1	190	UPH	12.1	355	MNIH R	5.3
27	W	4	191	UPH	1.6	356	SVH	2.0
28	SV.VH	42.5	192	UPH	1.6	357	SVH	2.0
29	AG CO	195	193	UPH	10.1	358	SVH	1.2
30	UPH/SV.H	11.3	194	MNIH	20	359	UPH/SV.H	8
31	SV	188	195	SV	32	360	AG CO	4
33	UPH/SV.H	4	196	POH I	361	361	AG CO	8
34	MFP	28	197	UPH	362	362	UPH	8
35	SV	8	198	UPH	2.4	363	MNIH	4
36	SV	8	199	UPH	4.0	364	MNIH	4
37	AG CO	52.2	200	UPH	12	365	SVH	4
38	UPH/SV.H	28	201	UPH	10.1	366	SVH	4
39	AG CO	206	202	UPH	4.0	367	SVH	4
40	POH I	8	203	UPH	1.2	368	SVH	1.2
41	G F	12	204	UPH	1.2	369	POH I	4
42	AG CO	275	205	UPH	1.2	370	AG CO	3.2
43	SVH	25.1	206	UPH	1.6	371	AG CO	1.2
44	SV	4.0	207	UPH	1.6	372	SVH	2.8
45	UPH/SV	97	208	UPH	65	373	SVH	2.2
46	AG	3	209	UPH	2.4			
47	POH I	4	210	UPH	10.9			
48	G F	4	211	UPH	18.6			
50	UPH/SV.H	12.0	212	UPH	4			
51	SV	2.8	213	UPH	9.7			
52	G F	29.5	214	UPH	3.6			
53	MNIH	1.6	215	UPH	1.2			
54	MNIH	22.4	216	UPH	1.2			
57	MNIH	2.0	217	UPH	6			
58	SV	6.1	218	UPH	8			
59	UPH/SV.H	1.2	219	UPH	8			
60	AG CO	4.5	220	UPH	2.0			
61	AG CO	36	221	UPH	2.8			
62	AG CO	15.9	222	UPH	2.8			
63	MNIH	49	223	UPH	8.1			
64	SV	279	224	UPH	3.6			
65	AG CO	10.1	225	UPH	136.0			
66	MNIH S	8	226	UPH	14.2			
67	G F	12	227	UPH	1.2			
70	G F	8	228	UPH	1.2			
71	SV	8	229	UPH	1.2			
72	G F	8	230	UPH	1.2			
74	AG	8.9	231	UPH	1.2			
75	POH I	8	232	UPH	1.2			
76	G F	8	233	UPH	1.2			
77	AG	13.4	234	UPH	1.2			
78	MNIH S	32.8	235	UPH	1.2			
79	AG	10	236	UPH	1.2			
80	MNIH	14.6	237	UPH	1.2			
81	SV.VH	13.4	238	UPH	1.2			
82	POH I	248	239	UPH	1.2			
83	SV	1.2	240	UPH	1.2			
84	UPH	45	241	UPH	1.2			
85	MNIH	4	242	UPH	1.2			
86	AG CO/SV	11.7	243	UPH	1.2			
87	C	254	244	UPH	1.2			
88	SVH	45	245	UPH	1.2			
89	AG CO	10.1	246	UPH	1.2			
90	UPH	1.6	247	UPH	1.2			
91	AG CO	9.3	248	UPH	1.2			
92	MNIH	4.0	249	UPH	1.2			
93	UPH	3.6	250	UPH	1.2			
94	AG	3.2	251	UPH	1.2			
95	SVH	5.3	252	UPH	1.2			
96	UPH/SV.H	5.3	253	UPH	1.2			
97	UPH/SV.H	52.2	254	UPH	1.2			
98	SV.VH	8.9	255	UPH	1.2			
99	SV.VH	4.0	256	UPH	1.2			
100	UPH	11.7	257	UPH	1.2			
101	MNIH	3.6	258	UPH	1.2			
102	AG CO	3.2	259	UPH	1.2			
103	MNIH	1.2	260	UPH	1.2			
106	AG CO	1.2	261	UPH	1.2			
107	POH I	3.6	262	UPH	1.2			
108	AG CO	7.3	263	UPH	1.2			
110	G F	4	264	UPH	1.2			
111	UPH/SV	11.3	265	UPH	1.2			
112	MNIH	4	266	UPH	1.2			
113	MNIH	8	267	UPH	1.2			
114	MNIH	2.0	268	UPH	1.2			
115	AG CO	1.6	269	UPH	1.2			
116	UPH	22.3	270	UPH	1.2			
118	POH I	4	271	UPH	1.2			
119	AG CO	21.9	272	UPH	1.2			
122	SV	2.8	273	UPH	1.2			
124	SV	8	274	UPH	1.2			
125	UPH PO	28.3	275	UPH	1.2			
126	MNIH	8.5	276	UPH	1.2			
127	UPH	12	277	UPH	1.2			
128	POH I	2.0	278	UPH	1.2			
129	AG CO	12.5	279	UPH	1.2			
130	MNIH	4	280	UPH	1.2			
131	SV	1.6	281	UPH	1.2			
132	UPH/SV.H	30.8	282	UPH	1.2			
133	SV	2.4	283	UPH	1.2			
134	AG CO	1.2	284	UPH	1.2			
135	MNIH	20.2	285	UPH	1.2			
136	U	1.2	286	UPH	1.2			
137	MNIH	6.5	287	UPH	1.2			
138	UPH	18.6	288	UPH	1.2			
139	UPH/SV.H	10.4	289	UPH	1.2			
140	G F	4	290	UPH	1.2			
141	MNIH	2.4	291	UPH	1.2			
143	POH I	2.4	292	UPH	1.2			
145	C	1.2	293	UPH	1.2			
146	AG	3.2	294	UPH	1.2			
147	AG CO	2.8	295	UPH	1.2			
148	MNIH	1.2	296	UPH	1.2			
149	AG CO	2.4	297	UPH	1.2			
150	SV	1.2	298	UPH	1.2			
151	AG CO	8	299	UPH	1.2			
153	MNIH	1.6	300	UPH	1.2			
154	SV	6.9	301	UPH	1.2			
155	UPH	12.5	302	UPH	1.2			
157	AG CO	51.0	303	UPH	1.2			
158	AG CO	4	304	UPH	1.2			
159	UPH/SV.H	40.0	305	UPH	1.2			
160	AG CO	1.6	306	UPH	1.2			
161	AG CO	2.4	307	UPH	1.2			
162	AG CO	12.5	308	UPH	1.2			
163	MNIH	8	309	UPH	1.2			
164	MNIH	6.9	310	UPH	1.2			
165	AG CO	3.6	311	UPH	1.2			
166	MNIH	2.8	312	UPH	1.2			
167	UPH	8.5	313	UPH	1.2			
168	MNIH	1.6	314	UPH	1.2			
169	C	2.0	315	UPH	1.2			
170	UPH	4.5	316	UPH	1.2			
171	AG CO	1.2	317	UPH	1.2			

1:20,000

CONTOUR INTERVAL 10 METERS
DATUM IS MEAN SEA LEVEL

VERTICAL SCALE REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1 METER

Vegetation map compiled by Pacific Southwest Forest and Range
Experiment Station and Pacific Northwest Forest and Range
Experiment Station, Forest Service, U.S. Department of Agriculture.
Cartography by Alan H. Ambacher, USDA - Forest Service, Pacific
Southwest Region, Engineering Geomatics Section, 1987.

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MacLean, Colin D.; Cole, Thomas G.;
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Resour. Bull. PSW-18, Berkeley, CA: Pacific
Southwest Forest and Range Experiment
Station, Forest Service, U.S. Department of
Agriculture; 1986. 9 p. + 11 maps.

SHOULDERLINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 1 METRE

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VEGETATION LEGEND
For explanation of vegetation type codes see Table 3.

ITEM	LABEL	AREA (HECTARES)	ITEM	LABEL	AREA (HECTARES)
2	POIH	146	172	SV	57
3	UPIM/PO	393	174	MNHR	603
4	SV	4	175	SWZH	1
5	SV	1.6	178	MNHR	2.8
6	AG/CO	797	179	MNHR	4
7	UPH	4	180	SV	2.6
8	UPH	4.9	182	MNHR	1.2
9	UPH	25.5	183	MNHR	1.6
10	AG/CO	3.2	184	MNHR	7.3
11	SV/H	81	185	MNHR	4
12	UPH	16	186	SWZH	11.3
13	AG/CO	186	187	SV	7.3
14	UPH	138	188	AG/CO	97
15	U	139	189	MNHR	12.8
16	U	8	190	MNHR	2
17	AG/CO	8	191	UPH	4.4
18	AG/CO	154	192	MS	14.6
19	UPH	20	193	MNHR	2.4
20	UPH	197	194	SV	1.6
21	G/F	197	195	UPH	4.9
22	MNHR X	1445	196	UPH	6.1
23	UPH	3.6	197	UPH	1.2
24	UPH	2.4	198	MNHR	8
25	UPH	20	199	UPH/SV	4
26	UPH	200	200	UPH	6.1
27	POH I	32	201	MNHR	12
28	UPH/SV	8	202	MNHR	2.4
29	G/F	206	203	MNHR	8
30	AG/CO	182	204	MNHR	4.9
31	SV	101	205	MNHR	27.1
32	UPH	182	206	MNHR	4
33	UPH/SV	101	207	MNHR	2.0
34	MNHR	506	208	MNHR	13.4
35	MNHR	6.3	209	MNHR	42.5
36	MNHR	2.0	210	SWZH	1.2
37	MNHR	17.0	211	AG/CO	2.0
38	MNHR	1.2	212	MNHR	3.2
39	MNHR	1.6	213	MNHR	5.3
40	MNHR	8	214	MNHR	1.6
41	UPH/SV	8	215	UPH/SV	3.6
42	SV	8	216	UPH	1.2
43	MNHR	8	217	UPH/SV	30.8
44	POH	220	218	UPH	4
45	SV	221	219	UPH	1.2
46	SV	222	220	UPH	30.8
47	UPH	11.7	221	UPH	4
48	UPH	31.2	222	UPH	3.6
49	MNHR	20	223	UPH/SV	2.4
50	MNHR	10.5	224	MNHR	2.4
51	POH	886	225	MNHR	2.4
52	UPH/SV	1.2	226	MNHR	8
53	SV	1.2	227	MNHR	15.8
54	SV	1.6	228	MNHR	12.9
55	SV	1.6	229	MNHR	186
56	SV	1.6	230	MNHR	4
57	POH	6.1	231	MNHR	5.3
58	POH	6.1	232	MNHR	2.8
59	POH	6.1	233	MNHR	2.0
60	POH	6.1	234	MNHR	4.0
61	MNHR	25.5	235	MNHR	9.7
62	AG	16	236	MNHR	2.0
63	MNHR	3	237	MNHR	4.0
64	SV	12	238	MNHR	2.0
65	SV	20	239	MNHR	2.0
66	GCA	4.5	240	MNHR	5.1
67	MNHR	13.4	241	MNHR	4
68	MNHR	7.7	242	MNHR	4.5
69	UPH/SV	7.7	243	MNHR	4.5
70	UPH/SV	7.7	244	MNHR	4.5
71	GCA	1.6	245	MNHR	4.5
72	POH	2.0	246	MNHR	4.5
73	MNHR	16.2	247	MNHR	4.5
74	AG/CO	6.1	248	MNHR	4.5
75	UPH	14.6	249	MNHR	4.5
76	SWZH	4	250	MNHR	4.5
77	G/F	4	251	MNHR	4.5
78	G/F	8.9	252	MNHR	4.5
79	SVH/SV	12.1	253	MNHR	4.5
80	MNHR	16	254	MNHR	4.5
81	POH	57	255	MNHR	4.5
82	UPH	57	256	MNHR	4.5
83	AG/CO	85	257	MNHR	4.5
84	SV	24	258	MNHR	4.5
85	SV	32	259	MNHR	4.5
86	G/G	16	260	MNHR	4.5
87	MNHR	18.2	261	MNHR	4.5
88	MNHR	8.5	262	MNHR	4.5
89	SV	1.2	263	MNHR	4.5
90	MNHR	1.6	264	MNHR	4.5
91	MNHR	1.6	265	MNHR	4.5
92	POH I	1.2	266	MNHR	4.5
93	SVH	4.0	267	MNHR	4.5
94	POH I	4	268	MNHR	4.5
95	SVH	32.0	269	MNHR	4.5
96	MNHR	66.0	270	MNHR	4.5
97	MNHR	5.7	271	MNHR	4.5
98	MNHR	4.5	272	MNHR	4.5
99	POH	3.6	273	MNHR	4.5
100	SV	2.8	274	MNHR	4.5
101	SV	1.6	275	MNHR	4.5
102	SV	8	276	MNHR	4.5
103	SV	2.8	277	MNHR	4.5
104	SV	2.0	278	MNHR	4.5
105	SV	2.0	279	MNHR	4.5
106	UPH	17.4	280	MNHR	4.5
107	POH I	1.2	281	MNHR	4.5
108	MNHR	24.2	282	MNHR	4.5
109	SVH	2.8	283	MNHR	4.5
110	SVH	5.7	284	MNHR	4.5
111	SVH	10.5	285	MNHR	4.5
112	SVH	12.5	286	MNHR	4.5
113	SVH	5.7	287	MNHR	4.5
114	UPH	12.5	288	MNHR	4.5
115	UPH	5.7	289	MNHR	4.5
116	UPH	1.6	290	MNHR	4.5
117	UPH	1.6	291	MNHR	4.5
118	SV	4.5	292	MNHR	4.5
119	MNHR	2.0	293	MNHR	4.5
120	POH I	8	294	MNHR	4.5
121	POH I	8	295	MNHR	4.5
122	SV	4.5	296	MNHR	4.5
123	SV	4	297	MNHR	4.5
124	MNHR	1.6	298	MNHR	4.5
125	MNHR	2.0	299	MNHR	4.5
126	UPH	2.0	300	MNHR	4.5
127	UPH	27.5	301	MNHR	4.5
128	UPH/SV	3.6	302	MNHR	4.5
129	U	4	303	MNHR	4.5
130	SV	8	304	MNHR	4.5
131	SV	8	305	MNHR	4.5
132	SV	6.9	306	MNHR	4.5
133	SV	11.3	307	MNHR	4.5
134	MNHR	193.6	308	MNHR	4.5
135	MNHR	7.7	309	MNHR	4.5
136	MNHR	182	310	MNHR	4.5
137	MNHR	5.7	311	MNHR	4.5
138	SV	1.6	312	MNHR	4.5
139	SV	2.4	313	MNHR	4.5
140	AG/CO	3.6	314	MNHR	4.5
141	MNHR	5.7	315	MNHR	4.5
142	SV	1.6	316	MNHR	4.5
143	SV	2.4	317	MNHR	4.5
144	AG/CO	4	318	MNHR	4.5
145	MNHR	8.1	319	MNHR	4.5
146	MNHR	40	320	MNHR	4.5
147	UPH/SV	8.9	321	MNHR	4.5
148	UPH	1.6	322	MNHR	4.5
149	MNHR	2.8	323	MNHR	4.5
150	POH I	1.2	324	MNHR	4.5
151	SV	8	325	MNHR	4.5
152	MNHR	8.9	326	MNHR	4.5
153	MNHR	23.1	327	MNHR	4.5
154	AG/CO	1.6	328	MNHR	4.5
155	MNHR	30.4	329	MNHR	4.5
156	MNHR	14.6	330	MNHR	4.5
157	UPH	4	331	MNHR	4.5
158	UPH	8.1	332	MNHR	4.5
159	UPH	8.9	333	MNHR	4.5
160	UPH	8.9	334	MNHR	4.5
161	UPH	8.9	335	MNHR	4.5
162	UPH	8.9	336	MNHR	4.5
163	UPH	8.9	337	MNHR	4.5
164	UPH	8.9	338	MNHR	4.5
165	UPH	8.9	339	MNHR	4.5
166	UPH	8.9	340	MNHR	4.5
167	UPH	8.9	341	MNHR	4.5
168	UPH	8.9	342	MNHR	4.5
169	UPH	8.9	343	MNHR	4.5
170	UPH	8.9	344	MNHR	4.5
171	UPH	8.9	345	MNHR	4.5

Produced by the United States Geological Survey
In cooperation with the Trust Territory of the Pacific Islands
Compiled by USGS and TPI
Based on 1:50,000 scale maps
Projection and map scale: UTM, Projected coordinate system
(NAD83, Albers Equal Area)

Vegetation map compiled by Pacific Southwest Forest and Range
Experiment Station and Pacific Northwest Forest and Range
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Cartography by Alan H. Ambacher, USDA - Forest Service, Pacific
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Station, Forest Service, U.S. Department of
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VEGETATION LEGEND

For explanation of vegetation type codes see Table 3.

ITEM	LABEL	AREA (HECTARES)
2	MN1H.R	3.6
3	M.F.C	.8
4	SW1H	16.6
5	M.F.C	.8
6	SW2M	12.5
7	MN1H	4.0
8	MN1H.R	146.5
9	MN2H	2.4
10	M.F	.8
11	MN1H	17.0
14	MN2H	19.0
17	MN1H	4.5
18	MN1H.R	17.4
20	MN0H	1.2
21	MN2M	25.9
23	MN1H	.4
25	MN1M	.8
26	MN0H	2.0
27	MN2H	31.2
29	MN2H.S	4.5
30	MN2H	18.6
31	MN2H.S	2.8
33	MN1H	1.2
34	MN2H.S	1.6
37	MN2H	.4
39	AT1H	.8
42	AT1H	2.8
43	AG.CO	4.9
37	MN2H	.4
39	AT1H	.8
42	AT1H	2.8
43	AG.CO	4.9

MacLean, Colin D.; Cole, Thomas G.; Whitesell, Craig D.; Falanruw, Marjorie C.; Ambacher, Alan H. **Vegetation Survey of Pohnpei, Federated States of Micronesia.** Resour. Bull. PSW-18. Berkeley, CA: Pacific Southwest Forest and Range Experiment Station, Forest Service, U.S. Department of Agriculture; 1986. 9 p. + 11 maps.

The vegetation on the island of Pohnpei, in the eastern Caroline Islands, was mapped for land-use planning, forest resource management, and timber volume surveys. Eleven maps show the location and extent of vegetation types that were delineated on 1975 aerial photographs. A 1983 ground survey identified changes in land-use since 1975, and tabular data reflect these changes. Forest area is estimated at 19,683 ha (48,637 acres), with an additional 1,843 ha (4,554 acres) in secondary vegetation. Almost one-third, 11,865 ha (29,318 acres), of the island is used for agroforestry.

Retrieval Terms: vegetation survey, vegetation maps, forest resources, Pohnpei, Ponape, Federated States of Micronesia