ESTIMATED VOLUME OF STANDING TIMBER BY PRINCIPLE
SPECIES AND OWNERSHIP -- as of 1 July 1950
Unit - 1,000 Cubic Feet
Hiroshima Prefecture

Species			Private, Community, Prefectural, Shrine, School & Other Forests					Total
Resembles American	Japanese Name	Scientific Name	Pvt.	Comm.	Pref.	Shrine	Others	
Coniferous Cedar or Redwood (Cypress)	SUGI	(Leave blank)	50,580	2,168	9,954	486	29	63,217
Cedar (Cypress)	Hinoki		10,201	463	2,128	103	6	12,901
Cedar	Sawara							
Red Pine	Akamatsu		388,236	16,832	77,300	3,737	230	486,335
Black Pine	Kuromatsu		9,780	425	1,947	94	6	12,252
White Pine	Himekomatsu							
Larch	Karamatsu							
Fir	Moni-rui		2,445	106	437	23	2	3,013
Spruce	Tohu-rui							
Spruce	Ezomatsu							
Fir	Todomatsu							
Hemlock	Tsuga-rui		244	11	49	3	-	307
Others			7,335	319	1,461	70	4	9,189
Total coniferous			468,821	20,324	93,276	4,516	277	587,214

File Index No. 7

DECLASSIFIED E.O. 12065 SECTION 3 NND

Species			Private, Community, Prefectural, Shrine, School & Other Forests					Total
Resembles American	Japanese Name	Scientific Name	Pvt.	Comm.	Pref.	Shrine	Others	
Broadleaved								
Beech	Buna		4,812	207	244	24	3	5,290
Beech	Inubuna		88,481	3,809	4,482	437	59	97,268
White Oak	Konara		1,884	80	95	12	1	2,072
White Oak	Onara		6,272	270	317	31	3	6,893
	Abemaki		1,036	6	7	1	-	1,050
Red Oak	Kunugi		7,646	329	387	38	4	8,404
Oak	Kashi-rui							
Chestnut	Kuri							
Elm	Keyaki							
Maple	Kaede-rui							
Ash	Harigiri							
Birch	Kaba-rui							
Ash	Shoiji							
Ash	Yachidamo							
Total broadleaved			130,503	5,673	6,674	657	72	143,579
OTHER Total BROADLEAVES.			240,634	10,374	12,206	1,200	142	264,556

Total

2,64,5,5600P

DECLASSIFIED E.O. 12065 SECTION 3 402/NARS NO.

ESTIMATED POSSIBLE ANNUAL TIMBER REQUIREMENTS

FOR Hiroshima Prefecture for fiscal year ending

31 Mar. 51 (Based on Population Needs as of 1 July)

Requirements	Unit	Amount (Log volume) (1,000 cu m)
Construction and general industrial	(1,000 cu ft)	
Manufacturing (plywood, veneer, furniture, clogs, cooperage, tools, etc)	2,157	61
Building construction	9,214	261
Mine timbers	1,836	52
Boxes, crating, packing	778	22
Shipbuilding	2,436	69
Railroad ties	318	9
Vehicles (fitcars, trucks, etc)	71	2
Total construction and general industrial use	16,810	476
Possible maximum pulpwood requirements	1,165	33
Grand total	17,975	509

Remarks: Amount of mine timber and pulpwood shown above is the production amount to be exported to other prefectures.

Amount of railroad ties shown above is the production amount to include requirement for national railway corporation and special procurement.

DECLASSIFIED E.O. 12065 SECTION 3 NND

Hiroshima Prefecture

Non-State Owned Timber Cut by Species and Year

Unit: 1,000 cubic feet

Species		Total Volume of Cut					
Resembles American	Japanese Name	'46	'47	'48	'49	'50 (estimate)	'51 (estimate
Coniferous							
Cedar or Redwood (Cypress)	Sugi	2,842	3,145	3,695	2,803	3,047	4,145
Cedar (Cypress)	Hinoki	608	529	823	568	608	627
Red Pine	Akamatsu	12,269	14,739	14,239	12,152	17,777	18,336
Fir	Tofu-rui	480	363	696	412	441	363
Others		138	108	196	117	147	147
Total coniferous		16,337	18,884	19,649	16,052	22,020	23,618
Broadleaved							
Beech	Buna	39	59	49	39	39	49
White Oak	Onara	29	49	39	20	29	39
Oak	Kashi-rui	29	20	19	10	20	29
Chestinut	Kure	127	147	216	137	167	265
Elm	Keyaki	20	10	20	9	19	20
Others		30	19	39	29	10	39
Total breadleaved		274	304	382	244	284	441
Grand Total		16,611	19,188	20,031	16,296	22,304	24,059

DECLASSIFIED E.O. 12065 SECRET Authority

ESTIMATED POSSIBLE ANNUAL TIMBER REQUIREMENTS

FOR Hiroshima Prefecture for fiscal year ending 31 Mar. '51 (Based on Population Needs as of 1 July 1950)

Unit: 1,000 cub. ft. (Log volume)

	Requirement	Comsumption	How much Imported
Manufacturing (plywood, veneer, furniture, clogs, cooperage, tools, etc.)	2,646	2,646	490
Building construction	10,241	10,341	2,254
Mine timbers	7,134	7,134	
Boxes, crating, packing	862	862	
Shipbuilding	2,450	2,450	931
Railroad tie	500	500	
Vehicles (fitcars, trucks, etc.)	69	69	
Total construction and general industrial use	23,902	23,902	3,675
Pulpwood	2,793	2,793	
Grand Total	26,695	26,695	3,675

Remarks: Amount of mine timber and pulpwood shown above is the production amount, all of which was exported to other prefectures.

Amount of railroad ties is the production amount, which met the requirements of the National Railway Corporation and special procurement.

DECLASSIFIED E.O. 12065 Sec. 3.5 NLJ 93-1

Nat'l Res. Division
File No. A-7-H

Fiber Reforestation
Hiroshima

3 January 1951

TO : Mr. M. S. Colehour

FROM : Hiroshima Prefectural Office, Forestry Department

SUBJECT: Production, Shipment and Shortage of Seedlings in Hiroshima Prefecture

1. Seedling Production at Prefecture Operated Nurseries

Name of Nursery	Location	Production from Apr. - Dec. '50 Trees	Production from Apr. - Mar. '51 Trees
Tokaichi Nursery Office	Futami Gun, Tokaichi Town	702,620	702,620
Saijo Nursery Office	Hiba Gun, Saijo Town	191,000	191,000
Yamagata Nursery Office	Yamagata Gun, Yasuno Village	198,550	198,550
Toyota Nursery Office	Toyota Gun, Toyota Village	1,225,800	1,225,800
Fukuyama Nursery Office	Numakuma Gun, Chujo Village	20,000	20,000
Mitsugi Nursery Office	Mitsugi Gun, Hawarumi Village	266,000	266,000
Nishitakaya Nursery Office	Kamo Gun, Nishitakaya Village	317,090	317,090
Higashitakaya Nursery Office	Kamo Gun, Higashitakaya Village	37,500	37,500
Kameyama Nursery Office	Asa Gun, Kameyama Village	42,281	42,281
TOTAL		3,000,841	3,000,841

NOTE: Above number of seedlings are those produced this year to be sent to mountain. Does not include transplanted seedlings.

File Index
No. 6

DECLASSIFIED E.O. 12065 SECTION 3 102, NARS

2. Seedlings Shipment, April - December 1950

Name of Nursery	Prefecture Projects	Private Reforest-ation Projects	Total
Tokaichi	209,540	105,730	315,270
Saijo	40,900	80,700	121,600
Yamagata	73,800	123,250	197,050
Kameyama	-	9,120	9,120
Toyota	461,442	-	461,442
Mitsugi	107,733	-	107,733
Nishitakaya	39,885	2,315	42,200
Higashitakaya	37,500	-	37,500
TOTAL	940,800	321,115	1,291,915

3. Seedling Shipment, April 1950 - March 1951

Name of Nursery	Prefecture Projects	Private Reforest-ation Projects	Total
Tokaichi	543,872	158,748	702,620
Saijo	55,900	135,100	191,000
Yamagata	73,800	124,750	198,550
Kameyama	-	42,281	42,281
Toyota	1,225,800	-	1,225,800
Mitsugi	216,000	-	266,000
Fukuyama	20,000	-	20,000
Nishitakaya	314,775	2,315	317,090
Higashitakaya	37,500	-	37,500
Total	2,537,647	463,194	3,000,841

DECLASSIFIED E.O. 12065 SECTION 3 (E), NARS DATE 12/18/78

4. Seedling Production in 1949, 1950, 1951 and Shortage

Year	Amount of Seedlings Planted or Under Plan to be Planted	Prefecture Production	Shortage
1949	9,155,000	8,155,000	1,000,000
1950	16,179,155	11,179,155	5,000,000
1951	30,000,000	24,694,000	5,306,000
Total	55,334,155	44,028,155	11,306,000

DECLASSIFIED E.O. 12065 SECTION 3 (b), NARS, DATE 12-18-78

HEADQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM
APO 248

D/CJC/mn

Nat. Res. Division
File No. A-7-14

File No: HMGT 091.33

8 June 1949

SUBJECT: Reforestation Study, Hiroshima Prefecture

TO : Commanding Officer
Chugoku Military Government Region
APO 248

1. Reference; memorandum 8, (paragraph 5 d) Headquarters, Chugoku Military Government Region, APO 248, subject: "Studies of Military Government Programs", dated 21 February 1949.

2. In accordance with the above reference, the inclosed data is forwarded for your information.

JAMES R. TRUDEN
Lt Col TC
Commanding

1 Incl:

File Index
No. 5

416

720

DECLASSIFIED E.O. 11652 SECTION 3(E)

REFORESTATION IN HIROSHIMA PREFECTURE

1. General:

a. In accordance with instructions received by this headquarters, a study on reforestation was made in this prefecture. Records of previous studies, made for use in this headquarters, were used as a basis for comparative data. Since the reforestation phase of the forestry program is so closely united with all other phases of forestry it is believed necessary to submit some statistical data so as to enable the reader to possess a ready reference. (Statistics are for year 1948)

b. Forest area in Hiroshima Prefecture as of 30 December 1948:

National forest : 37,753 chobu
Prefecture forest: 666,365 chobu

Total : 704,118 chobu

c. Actual timber cut as of 30 December 1948:

National forest :	724,119 koku -	2,410 cho
Prefecture forest:	4,470,442 koku -	10,354 cho
Total :	5,194,561 koku -	12,764 cho

d. Reforestation:

	National forests	Prefecture forests
Natural reforestation :	803.64 chobu	7,626 chobu
Artificial reforestation:	374,36 chobu	3,074 chobu
Total reforestation:	1,178.00 chobu	10,700 chobu

e. Comparison of reforestation to cut: (Area)

National

(1) Reforestation - 1,178 cho
(2) Cut - 1,383 cho
(1) compare to (2) 85%

Prefecture

(1) Reforestation - 10,700 cho
(2) Cut - 10,354 cho
(1) compare to (2) 103%

f. Seedlings:

National		Cost	Prefecture		Cost
Purchased	228,200 -	¥ 28,915	Purchased	905,000 -	¥ 760,000
Cultivated	1,562,100 -	¥1,182,887	Cultivated	13,399,000 -	¥5,650,000
Planted	526,900 -	¥ 961,970	Planted	2,865,000 -	¥2,951,200

(Note: All seeds and seedlings are locally procured)

Inclosure 1.

DECLASSIFIED E.O. 12065 SECTION 3 NLE

g. Seedlings now growing (1949):

National - 1,360,200 Prefecture - 28,154,000

h. Amount of fertilizer received for seedlings:

National - 1097 kan Prefecture - 1,458 kan

i. Damage to forests area:

	National	Prefecture
Forest fire -	15.5 cho (38,206 koku)	620.6 cho (82,645 koku)
Pine beetle -	55.0 cho (4,429 koku)	476.28 cho (100,971 koku)
All others -	108.17 cho (296,900 koku)	

j. Total officials and wages:

	National	Prefecture
Officials -	219	439
Total wages -	¥ 6,004,820.12	¥ 33,879,132

(Note: National figure not accurate)

k. Number of offices and branches:

National		Prefecture	
Main office -	4	Main office -	1
Branches -	34	Branches -	11

2. Results of study on reforestation and related subjects:

a. The statistical data in paragraph one (1) above is the result of a survey that has been progressing in this headquarters since January 1949. The purpose of that survey was to enable this headquarters to obtain a clear picture of the activities of both National and Prefectural Forestry Sections.

b. During the study, completed on 6 June 1949 the following was noted:

(1) Damage to forest areas is not added to annual cut when reforestation quotas are established.

(2) Reforestation quotas are too small and given on an annual basis.

(3) Cultivation of seedlings is not executed on a scale large enough to fill 60% of minimum requirements because allocated funds are used mostly for wages to a number of officials that are considered over and above the maximum requirements.

DECLASSIFIED E.O. 12065 SECTION 3 (E), NARS

(4) Alleged cost of natural reforestation is considered to be 70% in excess of actual requirements.

(5) Cost of seedling cultivation and planting is considered to be 50% in excess of actual requirements.

(6) Prior to late 1947 forestry was carried on in a very lax manner and has only at this period reached 50% efficiency because of the continual insistence of this headquarters's own initiative.

(7) Fertilizer allocations are considered to be only 30% of the actual requirements.

(8) Fund used to purchase, rent, lease, and maintain an excessive number of buildings, offices, branch offices, and officials are expenditures which should be drastically cut to procure funds for needed reforestation.

(9) National Forestry Laws regarding cutting, forest fires, and miscellaneous damages are not applicable as a whole to prefectural forest area in present day Japan.

3. Recommendations:

a. This headquarters submits the following recommendations as a possible means of correcting the above inefficiencies:

(1) Annual cut and all loss to forests by damage be added together and used as a basis in computing a semi-annual reforestation quota plus a fixed percentage to care for any unusual damages that may occur.

(2) That cultivation of seedlings be increased 33 1/3 % because of high rate of damages to deedlings.

(3) Cost of natural reforestation be cut 70% and actual scientific aid to natural reforestation be given by educating workers and also boosting the daily accomplishment goal of all officials and workers by at least 50%.

(4) That fertilizer allocations for prefectural forests be increased to 60% and National Forests to 40%.

(5) That the National Forestry Section in this prefecture eliminate its four main offices and 34 branch offices and their employees and reorganize within the prefecture with one chief of section, 3 sub chiefs and the present number of field workers plus 2 clerks. The national forestry section can be

DECLASSIFIED E.O. 12065 SECTION 3 402, NNSC MAR

set up in one office room in the prefecture Kensho and the money now spent for its offices, branch offices and needless officials and clerks reallocated to the prefectural forestry section to be added to the prefectural subsidy.

(6) That 50% of the National Forestry be sold to the prefecture and private owners so as to enable efficient management of the forests and its related business.

(7) That the prefecture be encouraged by central government to promulgate its own forestry laws for cutting and reforestation control.

(8) That National Forestry property within the prefecture be within the jurisdiction of local prefectural cutting and reforestation laws so as to protect the prefecture against erosion, flood, fires and insect damage to the bordering forests and properties.

JAMES R. TRUDEN
Lt Col TC
Commanding

Gen. Res. Division
File No. A-7-H

A Five-Year Plan of Reafforestation for Denuded Area in the City of Kure.

Year	Acreage (cho)	Expenditure	Remark
1950	120.0	₩ 75,000.000	Yoshiura. Niko. Miyahara. Aga.Hiro. Nigata. Section
1951	110.0	66.500.000	〃
1952	100.0	60,000.000	Yoshiura. Aga.Hiro. Nigata Section
1953	90.0	53,700.000	〃
1954	85.0	46,900.000	Aga.Hiro. Nigata Section.
Total	505.0	3,02,800.000	

Results of the Work from 1948 till 1950 fiscal year.

Year	Acreage (cho)	Expenditure
1948	9.7	¥ 6.340.000
1949	44.6	25,260,000
1950	67.0	56,940.000

Plan for the Curent Year, to be financed by "Counterpart Fund"

Acreage (cho)	Expenditure
80.0	50,000.000

Annual Record of Flood Damages Caused by Torrential Rain

Since the Year of 1945

Description	1945	1946	1947	1948	1949
No. of Persons Killed	1,154	1	0	0	6
" Injured	440	3	0	2	4
No. of Houses Washed Out	1,163	48	30	10	15
" Half Destoryed	792	30	0	15	10
" Innudated	8,414	420	330	582	602
Residence Lot. Washed Out or Buried	1,172	0	0	52	23
Farm Land Washed Out or Buried	1,853 cho	0	0	0	15
Forests Denuded	4,920	0	0	0	13
Municipal Roads Washed Out or Broken	513 places	50	19	44	18
Bridges "	79 "	1	0	4	0
Rivers Swept Away or Burst.	161 "	26	42	56	13

DECLASSIFIED E.O. 12065 SECTION 3 402/NNDS No.

Nat. Res. Division
File No. A-7-H

HIROSHIMA PREFECTURE ~~HIROSHIMA~~
FUKUYAMA, & SAIJYO —
(Forestry Administration Office)

National Forest Areas

File Index
3

國有林及公有林

島縣管內圖

二十萬分一之尺

米
吉
5 4 3 2 1 0 5 10
1
主神
宮
川
波
田
赤島
保久
村分國
村府下口西
村府上
水浦
小桂島
大万
瀬戸ヶ島
伊勢島
見石
濱田町
大島
小島
赤島鼻
大断
布
周布
村濱長
大麻
山
漁
鹿島
三階
賀
那
雲城
高城
南伊
野佐
久佐
美又
山佐大
長安
里三
本郷
西郷
杵束
黒澤
井野村
大下
上大口
手鎌
山金
宇治
地野
北仙道
東仙道
川二
原河
川尾刈
八幡
鹿原
佐波
長田
道川
町内河戸
木ノ崎
木ノ堀
手川
敷屋古
須原
和吉
土居
農
匹見
山石赤
谷川
芦谷
豊川
砂鉄
原柿
山日暮
谷本日
谷赤
谷ケ宮
敷根
内石
山炭
木屋
矢尾
合落
原十
原野田
原柿木
代田
辻
金市
鳥大
川瀬上
川瀬下
谷ケ
江田
竹原
谷ケ
原十
山山科本
都茂
土井
秋谷
谷口
谷ケ
谷ケ
谷ケ

林及公有林、地帶及杉、松

管縣島廣

二十万分一之尺

吉里邦

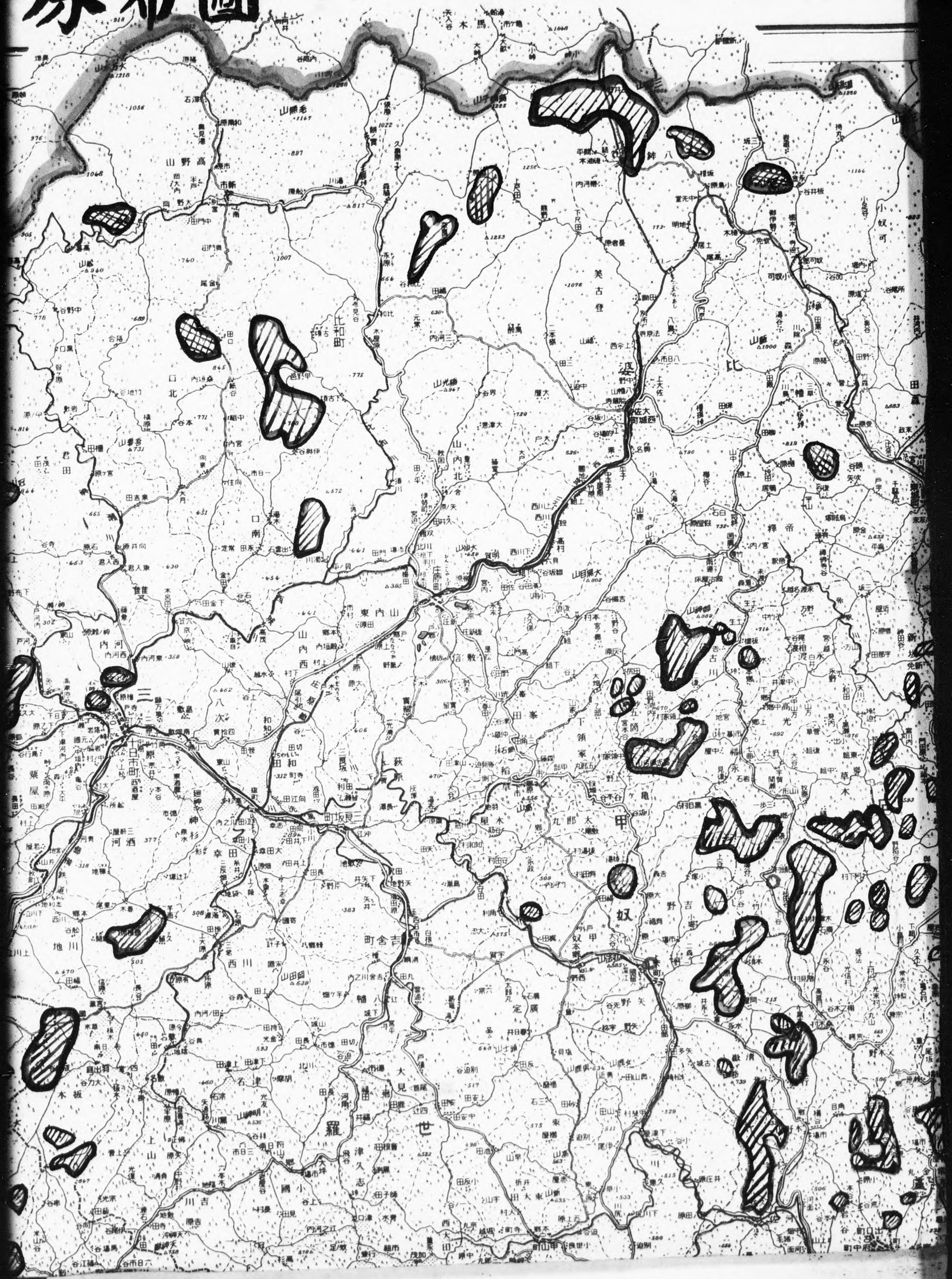
DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO.

松杉喰虫被害地帯分布図

石巻
中野
高原
行貫都
貫都
施布
根川
佐船
作木
三坂
大朝町
吉田町
八重町
比和
向原町
高原
山野
口北
君田
三河内
幸田
西川
本板
川吉
地川
町立甲
原田
小田
内河
粟屋
市野
山土大
山野高
原野
山野
井原
所田
上田所
迫川
田横
野根
坂吉
張鈴
山野
山原
山原大
山野
山野
山野

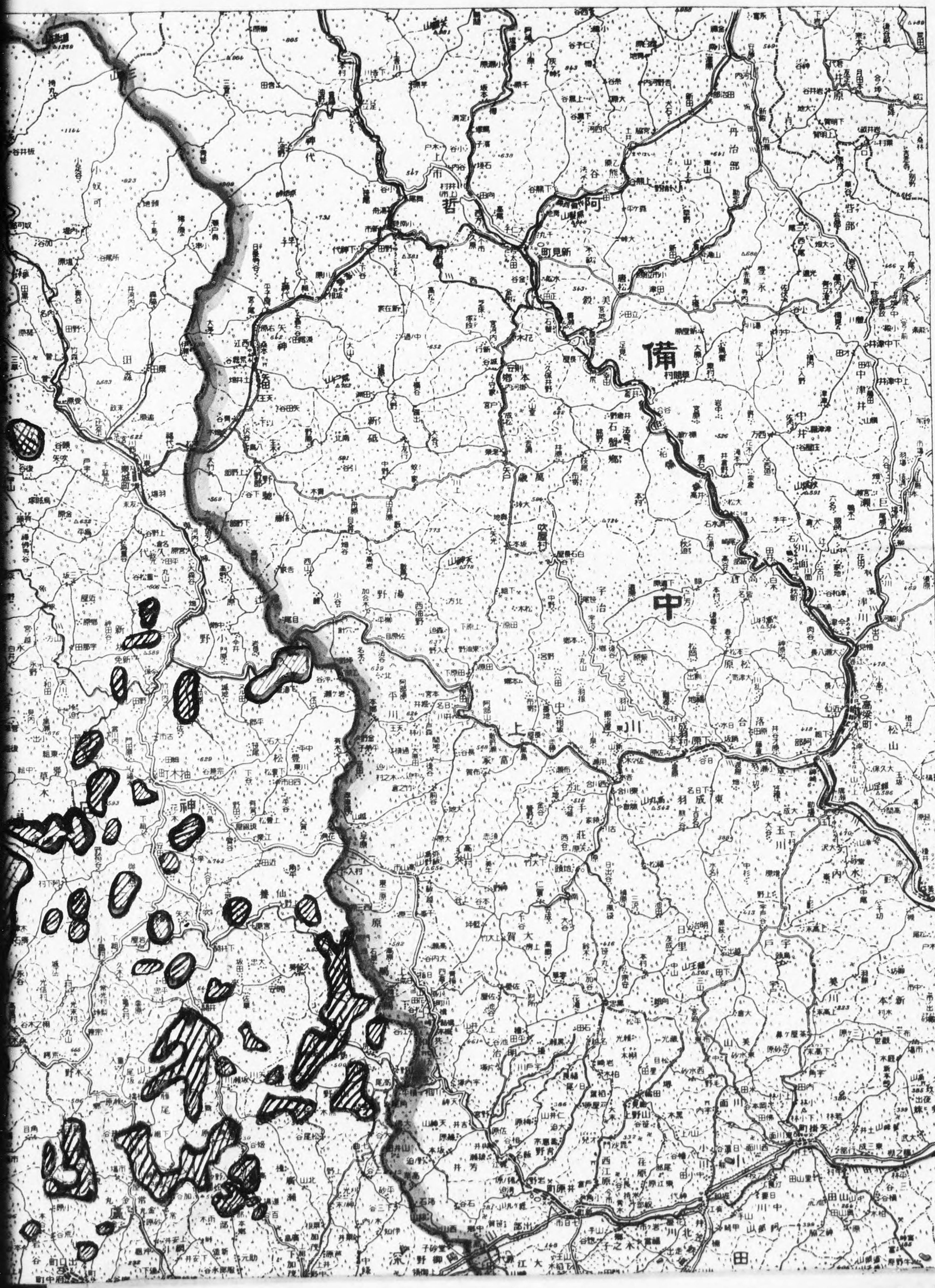
DECLASSIFIED E.O. 12065 SECTION 3 NLJ/RAC

分布圖

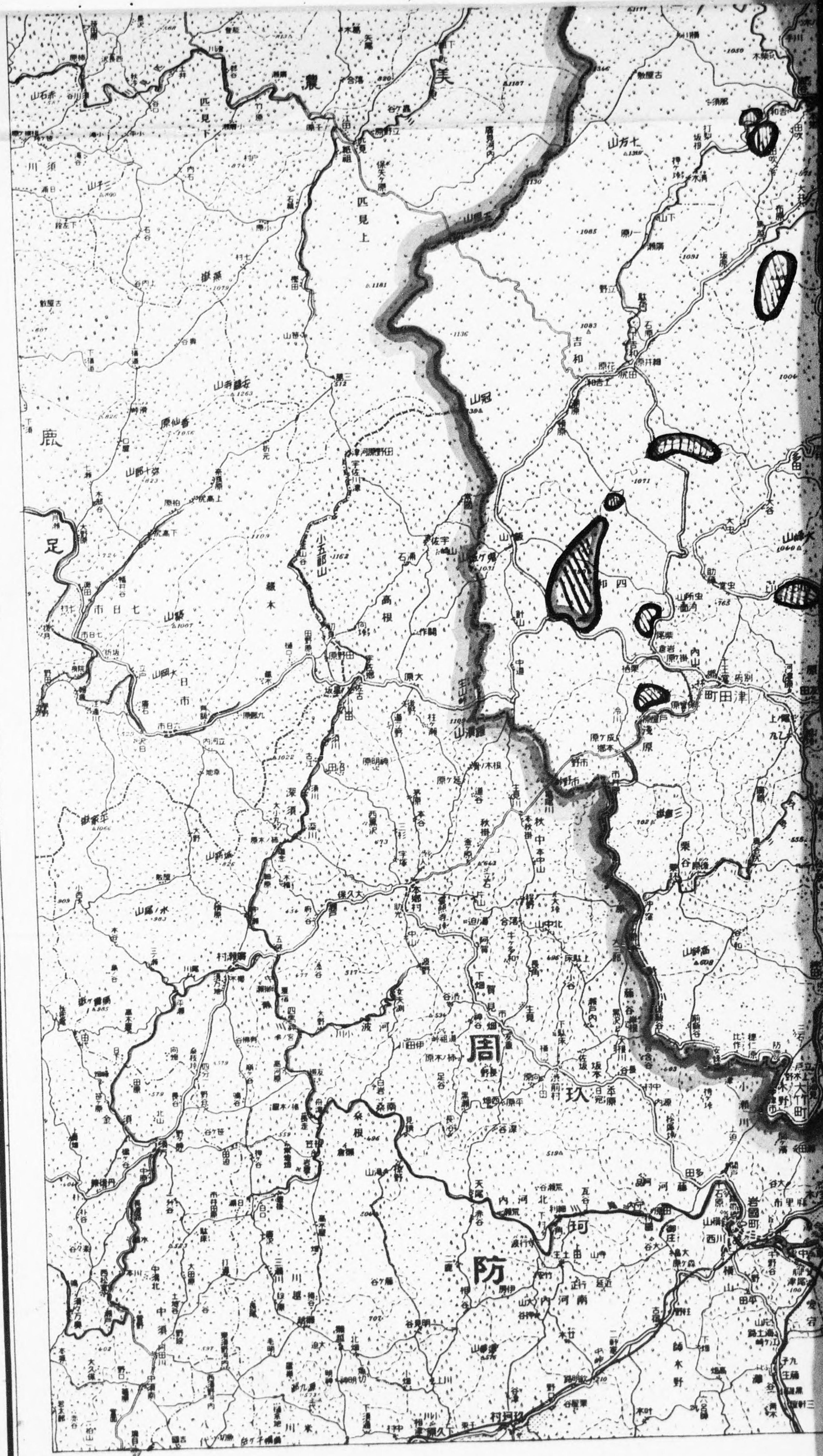


DECLASSIFIED E.O. 12065 SECTION 3 NLJ/NARS

廣島營林署 1949. 11月30日我



DECLASSIFIED E.O. 12065 Sec. 3.5



DECLASSIFIED E.O. 12958 Sec. 3.5

山方七
吉和
石原
原井細
原花
祇田
和吉上
和吉
原一
野立
駐在
石原
1085
1083
1091
1004
1071
1040
765
722
977
1006
1060
1050
1359
871
873
573
526
339
大井
山上天
出乙
谷夢
水内
原神矢
原皆草
原丹
原野高
原横
戸阿
原王天
中谷畑
戸山
内垣上
吉山
向山
上奥畑
山畑
日溝畑
河内峠
内河
内河上
内河下
小深川
石内
中山
戸島
松利井
八幡田井保
五日市町
村口井
村津華
方田
百江
庵下断崖
沖新堀
入江浪
本浦
島保
丹那
日宇那
品宇島
金輪島
鳥ア礼
鳥マクカ小
鳥マクカ大
鳥似ノ
似ノ島
鳥美沙那小
鳥美沙那大
戸越美沙那
鳥渡安
鳥ノ子
鳥ノ瀬本
鳥甲
鳥小根
鳥ノ瀬
鳥ノ子瀬本
島田多阿
石白
島横
島黒
島ノ子
島ノ瀬
島ノ子瀬本
島ノ瀬
島ノ子瀬本
島ノ瀬
島ノ子瀬本

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO.

DECLASSIFIED E.O. 12065 SECTION 3 NND/NNE NO.

DECLASSIFIED E.O. 12333 SECTION 3 NSC MEMO

DECLASSIFIED E.O. 12065 SECTION 3 (E), NARS

HIROSHIMA PREFECTURAL OFFICE

HIROSHIMA PREFECTURAL OFFICE

file A-7-H

Serial No: RIN 590 17 June 1949

SUBJECT: Promulgation of Adequate Forestry Law in Hiroshima Prefecture.

TO : Commanding Officer,
Hiroshima M.G. Team.

In answer to your recommendation given by the letter HMGT 091. 33, dated 23 May 1949, we , hereby, have the honor of reporting to you that the Prefectural Assembly, during the last~~t~~ session, has decided to create and promulgate the following Forestry Insect Control Law as per attached sheets No. 1.

We, however, have to ask you to understand that we can not but depend upon some legal steps which will be taken by the state government concerning control over cutting and encouragement of reforestation by the reason described in the attached sheets No. 2.

For the Governor,

Kosaburo Kondo
KOSABURO KONDO

Chief of the Department
of Forestry.

(2)

Incl:

DECLASSIFIED E.O. 12065 SECTION 3 NND 963

Attached sheets No. 1

FORESTRY INSECT CONTROL LAW OF HIROSHIMA PREFECTURE

Chapter 1 General Provisions

(Aims)

Art. 1. The aim of this law shall be to contribute to the sound development of industry and to the promotion of public welfare, by conservation of forestry resourses, taking timely and thorough actions of extermination and prevention of noxious forest insects.

2 Extermination and prevention of noxious forest insects shall be acted upon according to the provisions of this law besides those of the existing Forestry Law. (Law No. 43, promulgated in the 40th year of Meiji, e.g. 1906.)

(Definitions)

Art. 2. "Noxious forest insects" in this law shall be such insects destructive to the growth of trees as listed below:

a. Noxious insects belonging to the species "Kikuimushi."

b. Noxious insects belonging to the species "Zobimushi."

c. Noxious insects belonging to the species "Kamikiri-mushi."

d. Other noxious insects appointed by the governor.

2 "Controlled objects" in this law shall be trees belonging to the species of "Matsurui" (Pinus densiflora, Pinus Thunbergii, etc.) and "Sugirui" (Cryptomeria

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japonica, etc.) and the trees belonging to the species appointed by the governor, and unbarked trees cut down or fallen by wind, unbarked dead trees and firewood.

3 "Person concerned" in this law shall be owners,custodians or proprietors of controlled objects and other person who has the right to use , or profit by, or dispose of the controlled objects.

Chapter 2 Extermination and Prevention

(Duties and Responsibilities of Prefecture, Cities, Towns, and Villages.)

Art. 3. Prefecture, cities, towns, and villages should endeavour to thoroughly exterminate and prevent noxious forest insects and furthermore to spread the informations concerning the extermination and prevention of the noxious insects.

(Co-operative Responsibilities of the People of the Prefecture.)

Art.4. Any person who noticed the generation or danger of generation of noxious forest insects should quickly report to the head of city, town, or village, or to the forest insects exterminator (hereafter simply called exterminator) provided in Art. 13 , and person concerned to the controlled objects,and should endeavour to cooperate with the prefecture, city, town, or village and the person concerned in doing their duties.

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(Duties and Responsibilities of the Person Concerned.)

Art.5. In case of generation or danger of generation of noxious forest insects, the person concerned to the controlled objects should quickly take the actions to thoroughly exterminate and prevent the ~~forest~~ noxious forest insects.

2 The actions provided in the previous paragraph shall, generally speaking, be the methods listed below:

a. Affected trees shall be cut down and barked, and the bark, branches, twigs, and noxious insects be collected and burnt or submerged more than 20 days in order to exterminate the noxious insects perfectly.

b. Roots shall be barked 1 foot underground, and the bark and the noxious insects be collected and burnt.

c. Trees of small diametre which are difficult to be barked shall be burnt on the spot.

Art. 6. In case noxious forest insects generate, person concerned to the affected controlled objects should quickly notify the situation of generation and the actions which should be taken for extermination to the head of city, town, or village within whose jurisdiction the controlled objects locate.

Art. 7. When the head of city, town, or village recieves the report provided in Art. 4 or the notification provided in the previous article, or when he himself notices generation or danger of generation of noxious forest insects, should quickly inform the governor of the situations.

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(Directions of Exterminative and Preventive Methods)

Art. 8. When the governor recieves informations provided in the previous article, or when the governor himself notices the generation or danger of generation of noxious forest insects, he shall have the power to issue directions to the person concerned on the actions necessary to exterminate and prevent noxious forest insects.

(Proceedings of completed extermination and prevention)

Art. 9. When any person or his successor who recieved the directions provided in the previous article, or recieved the order provided in Paragraph 1, Art. 81 of the existing Forestry Law has completed the actions necessary to exterminate or prevent noxious forest insects, should quickly notify the governor of the completion of the actions.

2 When the governor recieved the notification provided in the previous paragraph, he should dispatch an official concerned or an exterminator to examine the actions taken and to ascertain whether the actions have been completed or not. In this case the person who notified shall not be allowed to interfere with, avoid, or refuse the examination.

3 When an official concerned or an exterminator is dispatched for the examination provided in the previous paragraph, he should carry an identification card issued by the governor and show it , when requested, to the person concerned.

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(Limitation of Transportation.)

Art. 10.
Person concerned to the contrlled objects or his successor should not move the controlled objects to which exterminative or preventive treatment has been applied, before the ascertainment of the completion of necessary exterminative or preventive steps provided in the previous paragraph.

Art. 11.
Controlled objects within the area appointed by the governor should not be transported with bark, except when permitted by the governor.

Chapter 3 Conference and Exterminator

(Conference)

Art. 12.
Conference for Prevention and Extermination of Noxious Forest Insects (hereafter simply called Conference) shall be organized in order to investigate and discuss about the problems concerning extermination and prevention of noxious forest insects.

2 The Conference shall be under charge of the governor, and the function shall be to discuss, in answer to the governor's request, about the problems provided in the previous paragraph and to submit proposals when necessary to the administrative offices concerned.

3 The Conference ~~consists~~ shall consist of several committeemen.

4 The Conference shall be able to commission temporary committeemen to investigate into or discuss about special problems when necessary.

~~5 Committeemen and temporary committeemen shall be ap-~~

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5 Committeemen and temporary committeemen shall be appointed or commissioned by the governor among officials, local officials, and persons experienced in extermination and prevention of noxious forest insects.

6 Chairman of the Conference shall be elected by mutual vote.

7 Besides the provisions in the previous 6 paragraphs, necessary items about the Conference shall be created by the governor.

(Exterminator)

Art. 13. The governor can appoint areas and place exterminators of noxious forest insects.

2 The exterminator should endeavour to timely and thoroughly exterminate noxious forest insects by giving counsel on extermination and prevention of noxious forest insects, or by giving necessary suggestions.

3 Exterminator shall be commissioned among experts who are experienced in extermination and prevention of noxious forest insects.

4 Besides the provisions in the previous 3 paragraphs, necessary items concerning the exterminator shall be fixed by the governor.

Chapter 4 Penal Regulations and Other Regulations

(Penal Regulations)

Art. 14. Persons who violate the provisions in Art. 6, para-

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graph 1 and 2 of Art. 9, Art. 10, and Art. 11, shall be detained or fined.

Art. 15
When representative of juridical person, procurator, employee, and other worker of juridical person or person violate these provisions concerning the business of the juridical person or person, the ~~it~~ violator shall be punished and the juridical person or person shall also be fined.

(Regulations for the enforcement of this Law)

Art. 16.
Necessary provisions concerning the enforcement of this law shall be fixed by the governor.

Additional Law

This law shall be enforced from the date of promulgation

DECLASSIFIED E.O. 11652 SECTION 3(E)/5(B)(2) NLJ 02-78

Attached Sheets No. 2

THE REASON WHY IT IS NOT PROPER TO CREATE PREFECTURAL LAW CONCERNING CONTROL OVER CUTTING AND ENCOURAGEMENT OF REFORESTATION

Art. 29 of the Constitution of Japan prevides that right of property shall not be infringed,. This is the right which people acquired in the course of long history and it is granted in most of the existing countries of the world. But , considering that human being as citizens can not live alone neglecting interrelationship with others, it is clear that the right of property ought to be subjectto a certain degree of restriction for the improvement of public welfare

Right anticipates duty, positively to exercise it for the public welfare and negatively not to abuse it.(Constitution Art. 12.)

In the Constitution, right of property is treated very deliberately and in the paragraph 2 of Art. 29, it is provided that a law shall be created in future to prescribe positive duties concerning the exercise of rights, and right should be exercised according to the provisions of this law. But , since the law has not been enacted, it is impossible to find any legal authority, and it should be understood that, restriction of the exercise of right of property being

DECLASSIFIED E.O. 12065 SECTION 3 102, MAR 0

the matter of state law, prefectural law can not regulate its exercise.

Furthermore, concerning the negative duty, it is quite clear that any exercise of right of property which is clearly destructive to the public welfare is not allowed. So, we understand that it is , to some extent, possible to restrict act of destructive nature.

Moreover, the paragraph 3 of the same article provides that private property can be used for the public welfare when given proper compasation.

Art. 27 of the old Constitution of Japan provides that any transaction necessary for public welfare should be done according to the provisions of the national law. This shows that restriction of proprietorship was the matter of national law, but in the new Constitution, it is not formally. It is , however, very clear that the new Constitution anticipates , as its basic principle, the concept that restriction of proprietorship is the matter of national law. This is the necessary conclusion of the above said statement that the right of property shall not be infringed. This has also been approved by the Diet.

It is generally approvedthat the paragraph 3 of Art. 29 of the Constitution prescribes the direct relation between the state and citizen, and local public organizations are

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not allowed to stand between the two.

In the above paragraphs ,we stated that it is impossible to create prefectural law concerning the control over cutting and reforestation but the application of the provisions of existing Forestry Law will effect the purpose, though the proceedings may be awkward.

Please see Art. 10, Paragraph 3 of Art. 11, Art. 13, Chap. 3, Paragraph 5 of Art. 76 of the existing Forestry Law.

DECLASSIFIED E.O. 12065 SECTION 3 102, NARS Date

HEADQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM
APO 248

file
A-7-H
D/CJC/mn

File No: HMGT 091.33

8 June 1949

SUBJECT: Reforestation Study, Hiroshima Prefecture

TO : Commanding Officer
Chugoku Military Government Region
APO 248

1. Reference; memorandum 8, (paragraph 5 d) Headquarters, Chugoku Military Government Region, APO 248, subject: "Studies of Military Government Programs", dated 21 February 1949.

2. In accordance with the above reference, the inclosed data is forwarded for your information.

for JAMES R. TRUDEN
Lt Col TC
Commanding

1 Incl:

See also: file A-7-T
"Reforestation in Tottori Prefecture"

(1)

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DECLASSIFIED E.O. 12065 SECTION 3 (E)(1) NND 963

REFORESTATION IN HIROSHIMA PREFECTURE

1. General:

a. In accordance with instructions received by this headquarters, a study on reforestation was made in this prefecture. Records of previous studies, made for use in this headquarters, were used as a basis for comparative data. Since the reforestation phase of the forestry program is so closely united with all other phases of forestry it is believed necessary to submit some statistical data so as to enable the reader to possess a ready reference. (Statistics are for year 1948)

b. Forest area in Hiroshima Prefecture as of 30 December 1948:

National forest :	37,753 chobu
Prefecture forest:	666,363 chobu
Total :	704,116 chobu

c. Actual timber cut as of 30 December 1948:

National forest :	724,119 koku -	2,410 cho
Prefecture forest:	4,470,442 koku -	10,354 cho
Total :	5,194,561 koku -	12,764 cho

d. Reforestation:

	National forests	Prefecture forests
Natural reforestation :	803.64 chobu	7,626 chobu
Artificial reforestation:	374,36 chobu	3,074 chobu
Total reforestation:	1,178.00 chobu	10,700 chobu

e. Comparison of reforestation to cut: (Area)

National

(1) Reforestation - 1,178 cho
(2) Cut - 1,383 cho
(1) compare to (2) 85%

Prefecture

(1) Reforestation - 10,700 cho
(2) Cut - 10,354 cho
(1) compare to (2) 103%

f. Seedlings:

National

		Cost
Purchased	- 228,200 -	¥ 28,915
Cultivated	- 1,562,100 -	¥1,182,887
Planted	- 526,900 -	¥ 961,970

Prefecture

		Cost
Purchased	905,000 -	¥ 760,000
Cultivated	13,399,000 -	¥5,650,000
Planted	2,865,000 -	¥2,951,200

(Note: All seeds and seedlings are locally procured)

Inclosure 1.

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g. Seedlings now growing (1949):

National - 1,360,200 Prefecture - 28,154,000

h. Amount of fertilizer received for seedlings:

National - 1097 kan Prefecture - 1,458 kan

i. Damage to forests area:

	National	Prefecture
Forest fire -	15.5 cho (38,206 koku)	620.6 cho (82,645 koku)
Pine beetle -	55.0 cho (4,429 koku)	476.28 cho (100,971 koku)
All others -	108.17 cho (296,900 koku)	

j. Total officials and wages:

	National	Prefecture
Officials -	219	439
Total wages -	¥ 6,004,820.12	¥ 33,879,132

(Note: National figure not accurate)

k. Number of offices and branches:

National		Prefecture	
Main office -	4	Main office -	1
Branches -	34	Branches -	11

2. Results of study on reforestation and related subjects:

a. The statistical data in paragraph one (1) above is the result of a survey that has been progressing in this headquarters since January 1949. The purpose of that survey was to enable this headquarters to obtain a clear picture of the activities of both National and Prefectural Forestry Sections.

b. During the study, completed on 6 June 1949 the following was noted:

(1) Damage to forest areas is not added to annual cut when reforestation quotas are established.

(2) Reforestation quotas are too small and given on an annual basis.

(3) Cultivation of seedlings is not executed on a scale large enough to fill 60% of minimum requirements because allocated funds are used mostly for wages to a number of officials that are considered over and above the maximum requirements.

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(4) Alleged cost of natural reforestation is considered to be 70% in excess of actual requirements.

(5) Cost of seedling cultivation and planting is considered to be 50% in excess of actual requirements.

(6) Prior to late 1947 forestry was carried on in a very lax manner and has only at this period reached 50% efficiency because of the continual insistence of this headquarters's own initiative.

(7) Fertilizer allocations are considered to be only 30% of the actual requirements.

(8) Fund used to purchase, rent, lease, and maintain an excessive number of buildings, offices, branch offices, and officials are expenditures which should be drastically cut to procure funds for needed reforestation.

(9) National Forestry Laws regarding cutting, forest fires, and miscellaneous damages are not applicable as a whole to prefectural forest area in present day Japan.

3. Recommendations:

a. This headquarters submits the following recommendations as a possible means of correcting the above inefficiencies:

(1) Annual cut and all loss to forests by damage be added together and used as a basis in computing a semi-annual reforestation quota plus a fixed percentage to care for any unusual damages that may occur.

(2) That cultivation of seedlings be increased 33 1/3 % because of high rate of damages to deedlings.

(3) Cost of natural reforestation be cut 70% and actual scientific aid to natural reforestation be given by educating workers and also boosting the daily accomplishment goal of all officials and workers by at least 50%.

(4) That fertilizer allocations for prefectural forests be increased to 60% and National Forests to 40%.

(5) That the National Forestry Section in this prefecture eliminate its four main offices and 34 branch offices and their employees and reorganize within the prefecture with one chief of section, 3 sub chiefs and the present number of field workers plus 2 clerks. The national forestry section can be

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set up in one office room in the prefecture Kensho and the money now spent for its offices, branch offices and needless officials and clerks reallocated to the prefectural forestry section to be added to the prefectural subsidy.

(6) That 50% of the National Forestry be sold to the prefecture and private owners so as to enable efficient management of the forests and its related business.

(7) That the prefecture be encouraged by central government to promulgate its own forestry laws for cutting and reforestation control.

(8) That National Forestry property within the prefecture be within the jurisdiction of local prefectural cutting and reforestation laws so as to protect the prefecture against erosion, flood, fires and insect damage to the bordering forests and properties.

for JAMES R. TRUDEL
Lt Col TC
Commanding

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSS NO.

REFORESTATION

	DATE	SUBJECT	ISSUING HEADQUARTERS & INDORSEMENTS
1.		National Forest Areas	Niimi Forestry Admin. Sec.
2.		"	Okayama Forestry Admin. Sec.
3.		"	Tsuyama Forestry Admin. Sec.
4.	17 May 1950	Flood and Valley Storage Data from Asahi River, Okayama Prefecture	SCAP, NRS
5.	1950	Report on Program and Actual Result of Reforestation Classified by Gun, Town and Village	Okayama Pref. Govt.
6.	1 July 1950	Estimated Volume of Standing Timber by Principal Species and Ownership	Okayama Prefecture.

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4.7, Okay.

ESTIMATED VOLUME OF STANDING TIMBER BY PRINCIPAL SPECIES AND OWNERSHIP -- As of 1 July 1950

Unit - 1,000 Cubic Feet

Okayama Prefecture.

Species			Private, Community, Prefectural, Shrine, School, Other Forests.						Total.
Resembles American	Japanese Name	Scientific Name	Pvt.	Comm.	Pref.	Shrine.	School.	Others.	
Coniferous Cedar or Redwood (Cypress)	Sugi		36,554	15,362	265	689	105	none	52,975
Ceder (Cypress)	Hinoki		26,805	11,266	194	505	78		38,848
Red Pine	Akamatsu		212,738	34,253		3,260	501		250,751
Black Pine	Kuromatsu		6,018	2,458					8,476
Larch	Karamatsu		706						706
Fir	Momi-rui		502	204					706
Hemlock	Tsuga-rui		502	204					706
Total coniferous			283,825	63,746	459	4,454	684		353,168
Broadleaved White Oak	Onara		9,254	3,855		173	13		13,295
Beech	Buna		8,661	3,538					12,199
White Oak	Konara		12,681	5,307		274	37		18,299
Red Oak	Kunugi		21,348	8,844		304			30,496
Oak	Kashi-rui		4,270	1,768		61			6,099
Chestnut	Kuri		12,809	5,306		183			18,298
Maple	Kaede-rui		867	353					1,220
Elm	Keyaki		2,305	256					2,561
Ash	Harigiri		98	24					122
Birch	Kaba-rui		98	24					122
Others	Zatsu		13,377	5,590	96	192	19		19,274
Total broadleaved.			85,768	34,865	96	1,187	69		121,985
Grand Total			369,593	98,611	555	5,641	753		475,153

File Index
No. 6

DECLASSIFIED E.O. 12065 SECTION 3 102/NNSC NO.

ESTIMATED POSSIBLE ANNUAL TIMBER REQUIREMENTS

FOR Okayama Prefecture for fiscal year ending

31 Mar.51 (Based on Population Needs as of 1 July 1950).

Requirements	Amount(log volume) (1,000 cu.ft)	(1000 cu.m.)	Remarks
Construction and general industrial use.			
Building construction	2,058	57.62	
Mine Timbers	353	9.88	
Boxes, crating,packing	296	8.28	
Shipbuilding	839	23.49	
Railroad ties	96	2.68	
Vehicles	44	1.23	
Woodwork	804	22.52	
Total construction and general industrial use.	4,490	125.7	
Possible maximum pulpwood requirement.	100	2.8	When the Kokusaku Pulp Plant is built at Fukuda-cho,Asakuchi-gun, the requirement will increase in 1951 fiscal year.
Grand Total	4,590	128.5	

400,000-500,000 koku

DECLASSIFIED E.O. 12065 SECTION 3 (E)(1), NARS DATE

Okayama Prefecture

Non-state owned timber cut by species and year

Unit: 1,000 Cubic Feet.

Resembles American	Species Japanese Name	Total volume of cut '46	'47	'48	'49	'50 (estimate)	'51 (estimate)
Coniferous Cedar or Redwood (Cypress	Sugi	4,748	4,275	3,481	2,742	3,047	3,000
Cedar (Cypress)	Hinoki	585	773	709	636	995	900
Red Pine	Akamatsu	8,914	11,366	10,134	9,083	9,706	9,800
Black Pine	Kuromatsu						
Larch	Karamatsu	37	13	29			
Fir	Momi-rui	28	53	31	25	8	10
Others		731	5			1	
TOTAL Coniferous		15,043	16,485	14,384	12,486	13,757	13,710
Broadleaved							
Beech	Buna	173	201	147	84	105	100
Oak	Kashi-rui	30	37	34	19	40	30
Chestnut	Kuri	50	38	117	174	184	50
Elm	Keyaki	4	22	18	15	17	20
Others		190	279	216	101	144	15
TOTAL Broadleaved		447	577	532	393	490	315
GRAND TOTAL		15,490	17,062	14,916	12,879	14,247	14,025

Softwood included?

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ESTIMATED POSSIBLE ANNUAL TIMBER REQUIREMENTS

FOR Okayama Prefecture for fiscal year ending

31 Mar. 51.

Unit: 1,000 Cu.ft. (log Volume)

	Requirements	Consumption	How much imported
Manufacturing (plywood,veneer, furniture, clogs, cooperage, tools, etc.)	804	804	200
Building construction	2,058	2,058	290
Mine Timbers	353	353	
Boxes, crating, packing	296	296	
Shipbuilding	839	839	510
Railroad ties	96	96	
Vehicles(fitcars,trucks, etc.)	44	44	
Total construction and general industrial use.	4,490	4,490	
Pulpwood	100	100	
Grand Total	4,590	4,590	1,000 - 20%

8 sawmills exported

Nat. Res. Division
File No. A-7-9

For 1950 fiscal year

Report on Program and Actual Result of Reforestation

Classified by Gun, Town and Village

File Index No. 5

Afforestation Section, Okayama Pref.

DECLASSIFIED E.O. 12065 SECTION 3 NND

Gun	Town or village	Reforestation Program: Planned area cho	Actual result as of Dec. 31 1950 cho	Project to be completed by Mar. 31 1951 cho	Remarks
Mitsu	Makiishi	4 00	4 00	-	
	Ōno	21 22	21 00	22	
	Ichinomiya	2 37	-	2 37	
	Nodani	50	-	50	
	Mayakami	11 08	11 08	-	
	Makiyama	6 10	3 45	2 65	
	Ugaki	2 29	2 29	-	
	Kanagawa	1 37	1 03	34	
	Kamitatebe	26 73	20 13	6 60	
	Tatebe	73	23	50	
	Ukaihigashi	3 58	77	2 81	
	Ukainishi	11 84	7 43	4 41	

Gun	Town village	Reforestation Program: Planned area	Actual result as of Dec 31, 1950	Project to be completed by Mar 31, 1951	Remarks
		cho	cho	cho	
Mitsu	Tsuga	76 94	13 58	3 36	
	Osada	1 17	1 17	–	
	Enjo	18 78	18 78	–	
	Toyooka	6 83	5 59	1 24	
	Niiyama	11 64	6 20	5 44	
	Eyomi	17 93	5 60	12 33	
	Okayama	27	–	27	
Total		165 37	122 33	43 04	
Akaiwa	Seto	9 75	2 92	6 83	
	Takatsuki	4 97	4 79	18	
	Nishiyama	20 70	19 00	1 70	
	Tottorikami	38 70	38 70	–	

Gun	Town village	Reforestation Program: Planned	Actual result as of Dec. 31 1950	Project to be completed by Mar. 31 1951	Remarks
		cho	cho	cho	
	Kasube	6.87	2.28	4.00	
	Sasaoka	11.00	1.00	10.00	
	Susai	9.38	0.75	8.63	
	Yamagata	22.45	22.45	-	
	Hibari	8.26	1.60	6.66	
	Hutsumi	6.00	2.00	4.00	
	Takeeda	4.77	0.42	4.35	
	Gajo	28.95	22.70	5.25	
	Katsuragi	9.00	-	9.00	
	Sackikita	4.97	4.97	-	
	Sacki	14.00	14.00	-	
	Iwabu	12.04	12.04	-	

DECLASSIFIED E.O. 11652

Gun.	Town & village	Reforestation Program — Planed area (cho)	Actual result as of Dec. 1, '52 (cho)	Project to be completed by March 1953 (cho)	Remarks
Akaiwa	Toyota	9 30	9 30	–	
	Onoda	3 94	85	3 09	
	Kama	1 23	1 23	–	
	Mantomi	23 60	23 60	10 00	
	Katase	10	10	–	
Total		260 98	182 29	23 69	
Wake	Kumayama	3 60	3 60	–	
	Tsuruyama	6 00	–	6 00	
	Kagato	60	60	–	
	Inbe	5 07	5 07	–	
	Katagami	4 60	60	4 00	

Gun	Town village	Reforestation Program: Planned	Actual result as of Dec 31 1940	Project to be complete by Mar 31 1941	Remarks
	Iri	16 20	8 00	8 20	
	Hinase	4 11	4 11	-	
	Fukukawa	6 28	6 28	-	
	Mitsuishi	15 70	9 60	6 10	
	Kone	20	20	-	
	Mikuni	1 03	-	1 03	
	Fujino	10 00	3 00	7 00	
	Honjo	27 36	4 24	23 12	
	Wake	3 00	3 00	-	
	Higasa	1 00	-	1 00	
	yamada	11 45	53	10 92	
	Shiota	15 00	-	15 00	

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		Reforestation Program			
Gun	Town village	Planed area	Actual result as of Dec 31, 1950	Project to be completed by Mar 31, 1951	Remarks
Wake	Yoshinaga	9 01	9 01	—	
Total		140 21	58 34	82 37	
Oku	Ushimado	51	11	40	
	Oku	2 61	—	2 61	
	Fukuda	51	03	48	
	Imagi	1 54	02	1 52	
	Toyohara	1 00	—	1 00	
	Ōmiya	99	03	96	
	Kashima	1 70	—	1 70	
	Nagahama	30	—	30	
	Konjo	2 71	—	2 71	

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		Reforestation Program			
Gun	Town and Village	Planted cho	Actual work done Dec. 31 1941 cho.	Project to be completed by March 31 1942 cho	Remarks
	Tamatsu	84	-	84	
	Makabe	15 00	1 50	13 50	
	Tsuruyama	4 33	-	4 33	
	Miwa	05	-	05	
	Kokubu	2 14	-	2 14	
	Miyuki	-	-	-	
	Kasaka	1 07	-	1 07	
	Miwa	1 40	-	1 40	
Total		36 69	1 69	35 00	
Jōdō	Takashima	1 20	-	1 20	
	Wata	66	01	65	

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Gun	Town or village	Reforestation Program: Planned area	Actual area of Oct.	Project to be completed by March 31, 1951	Remarks
		cho	cho	cho	
Tōdō	Saiden	75	75	–	
	Kozu	22 60	–	22 60	
	Tamai	5 05	–	5 05	
	Ukita	13 92	–	13 92	
	Nirajima	43	–	2 00	
	Miyasu	2 00	02	65	
	Tsunoyama	67	1 60	–	
	Ogami	1 60	–	90	
	Saidaiji	90	–	–	
	Kachi	–			
Total		49 88	2 38	47 50	

DECLASSIFIED E.O. 12065 SECTION 3 NND

Gun	Town or village	Reforestation Program: Planned area cho	Actual result as of Dec. 31, 1952 cho	Project to be completed by Mar. 31, 1954 cho	Remarks
Kojima	Gōnai	3 82	65	3 17	
	Kujita	2 10	2 10	-	
	Nadasaki	25	15	10	
	Nachikama	10	10	-	
	Kōura	70	70	-	
	Runeage	3 97	-	3 97	
	Kotoura	69 86	52 86	17 00	
	Tamano	84 14	68 86	15 48	
	Kojima	30 00	10 00	20 00	
Total		195 14	135 42	59 72	

DECLASSIFIED E.O. 12065 SECTION 3 NND NO.

Gun	Town village	Reforestation Program: Planned area (cho)	Actual result as of Dec 31, 1950 (cho)	Project to be completed by Mar 31, 1951 (cho)	Remarks
Tsukubo	Kibi	30	-	30	
	Shō	1 47	1 00	47	
	Nakashō	-	-	-	
	Senoo	4 00	2 00	2 00	
	Nukuda	37	20	07	
	Obie	36	20	16	
	Sugao	41	-	41	
	Kiyone	79	79	-	
	Yamate	12 10	12 10	-	
Total		19 80	16 39	3 41	

DECLASSIFIED E.O. 12065 SECTION 3 NND

Gun	Town or village	Reforestation Program: Planned area cho		Actual result as of Dec. 31 1950 cho		Project to be completed by Mar. 31 1951 cho		Remarks
Asaguchi	Nagao	8	33	4	33	4	00	
	Konkō	8	90	8	90	-		
	Kamogata	36	00	25	95	10	05	
	Satoshō	11	60	11	60	-		
	Ōshima	3	06	1	27	1	79	
Total	.	67	89	55	05	15	84	
Oda	Kanaura		03		-			
	Shiromi		33		33	-		
	Ōi	2	00	2	00	-		
	yoshida	5	00		-	5	00	
	Niiyama	1	00		-	1	00	

DECLASSIFIED E.O. 12065 SECTION 3 NND NO.

Gun	Town village	Reforestation Program: Planed area cho	Actual result as of Dec 31, 1950 cho	Project to be completed by Mar 31, 1951 cho	Remarks
Oda	Kitagawa	19 11	12 26	5 85	
	Oda	2 71	–	2 21	
	Sakai	4 31	1 20	3 11	
	Miyama	29 00	–	29 00	
	Udo	2 67	2 00	67	
	Mikawa	3 69	1 44	2 25	
	Mitani	70	2 70	–	
	Kawamo	3 50	3 00	50	
	Imai	10	10	–	
	Kōnoshima-uchi	20	20	–	
	Kitakishima	50	–	50	
	Manabeshima	1 55	–	1 55	

Gun	Town or village	Reforestation Program: Planned area cho	Actual result as of Dec 31 1950 cho	Project to be completed by Mar 31 1951 cho	Remarks
	Shiraishishima	8 00	-	8 00	
Total		86 40	26 22	60 17	
Shitsuki	Takaya	14 57	9 57	5 00	
	yamanowe	2 00	2 00	-	
	Rono	16	16	-	
	Ikara	2 00	-	2 00	
	yoshii	5 30	2 48	2 82	
	Meiji	6 68	1 23	5 45	
	Kyōwa	15 94	2 85	8 09	
	Mihara	6 52	-	6 52	
Total		51 17	23 29	27 88	

Gun	Town village	Reforestation Program: Planned area cho	Actual result as of Dec 31 1952 cho	Projects to be completed by March 31 1953 cho	Remarks
Kibi	Niman	2 35	2 35	–	
	Kurose	30	30	–	
	Sono	10	10	–	
	Shinpon	40	40	–	
	Yamada	1 00	1 00	–	
	Kushiro	2 00	2 00	–	
	Shimoteura	3 91	3 91	–	
	Minoshi	1 00	1 00	–	
	Sōsha	13	–	13	
	Ikeda	20	20	–	
	Hiyoshi	5 57	5 57	–	
	Tomiyama	5 74	2 81	2 93	

DECLASSIFIED E.O. 12065 SECTION 3 NND

Gun	Town village	Reforestation Program: Planned cho	Planned area	Actual work as of Dec. 31, 1952 cho	Actual work as of Dec. 31, 1952 area	Project to be completed by Mar. 31, 1971 cho	Project to be completed by Mar. 31, 1971 area	Remarks
	Fukudani	6	60	6	25		35	
	Iwata	1	66	1	66	—		
Total		30	96	27	15	2	81	
Kawakami	Kariwa	11	26	2	10	9	16	
	Tamagawa	1	50		67		83	
	Hizato	1	70		40	1	30	
	Tenosho	22	90	2	67	20	23	
	Ōga	11	60	1	00	10	60	
	Kōyama	7	20		50	6	70	
	Nūka	5	62	5	62	—		
	Yuno	12	26	1	38	10	88	

DECLASSIFIED E.O. 12065 SECTION 3 NWE

Gun	Town village	Reforestation Program: Planned area	Actual work done to Dec 31 1950	Project to be completed by Mar 31 1951	Remarks
Kawakami	Hirakawa	3.50	–	3.50	
	Fukiya	27.98	19.26	18.22	
	Uji	18.18	9.18	9.00	
	Naka	9.41	4.95	4.46	
	Matsubara	2.50	2.05	.45	
	Takakura	8.39	–	8.29	
	Ochiai	5.81	4.52	1.29	
Total		159.79	105.35	54.44	
Zyōbō	Takahashi	10.02	4.81	5.21	
	Tsugawa	10.80	10.80	–	
	Kawamo	10.25	8.25	2.10	

DECLASSIFIED E.O. 12065 SECTION 3 NND

Gun	Town-villages	Reforestation Program				Remarks
		Planned area	Actual result as of Dec 31 1954	Project to be completed by Mar 31 1955		
		Ha	Ha	Ha		
	Kase	6 07	2 35	3 72		
	Ukan	9 99	6 61	3 38		
	Kamiukan	15 27	14 27	1 00		
	Kamitakenosho	2 02	2 02	—		
	Toyono	8 00	4 54	3 46		
	Shimotakenosho	12 33	1 97	10 36		
	yoshikawa	11 00	11 00	—		
	Nakai	11 02	10 00	1 02		
	Nakatsui	6 48	4 86	1 62		
	Azai	18 20	18 20	—		
	Kamimizuta	10 10	8 10	2 00		
	mizuta	1 95	1 50	45		

DECLASSIFIED E.O. 12065 SECTION 3 4(b)(3) NND

Gun.	Town village	Reforestation Program			Remarks
		Planned area cho	Actual result as of Dec 31, 1950 cho	Projects to be completed by Mar 31, 1951 cho	
Total		14270	10888	3482	
Atetsu	Kamiichi	4643	3710	933	
	Niizato	6451	5505	946	
	Kajiso	2320	1432	888	
	Yagami	3045	2162	883	
	Nachi	416	416	—	
	Arato	2248	538	1710	
	Manzai	1592	1592	—	
	Nongo	1490	1208	282	
	Ishigazato	1310	1167	143	
	Niimi	765	765	—	

DECLASSIFIED E.O. 12065 SECTION 3 NND

Gun	Town-village	Reforestation Program			Remarks
		Planned area cho	Actual result as of Dec 31 1950 cho	Project to be completed by Mar 31 1951 cho	
	Miyoshi	4 51	1 51	3 00	
	Kusama	11 38	5 03	6 35	
	Toyonaga	38 60	33 00	5 60	
	Tajibe	27 70	24 08	3 62	
	Azai	26 18	17 40	8 78	
	Kamiazai	33 94	10 55	23 39	
	Chiya	62 85	62 85	—	
	Sugō	79 51	57 08	22 43	
	Kumatani	32 08	28 28	3 80	
Total		556 56	426 69	129 87	
Maniwa	Ochiai	18 39	18 21	18	

DECLASSIFIED E.O. 12065 SECTION 3 NND

Gun	Town village	Reforestation Program: Planned area cho	Actual result as of Dec 31, 1950 cho	Projected completed by Mar 31, 1951 cho	Remarks
Maniwa	Kuse	29 81	10 52	19 29	
	Futakawa	20 46	16 82	6 64	
	Shinjo	30 85	29 85	1 00	
	Katsuyama	45 03	35 38	9 65	
	Kōchi	39 41	21 83	17 58	
	Tsukida	22 77	21 00	1 77	
	Kawakigashi	13 62	13 62	—	
	Miwa	74 89	44 29	30 60	
	Kiyama	21 11	21 11	—	
	Yatsuka	31 37	31 27	10	
	Tsuda	26 00	17 35	8 65	
	Yubara	76 29	20 73	55 56	

Gun	Town & village	Reforestation Program: Planned	Actual result as of Dec 31 1954	Project to be completed by Mar 31 1955	Remarks
		cho	cho	cho	
	Mikawa	38 01	32 27	6 14	
	Kawakami	8 82	5 42	3 40	
	Mikamo	41 73	26 59	15 14	
	Tomihara	33 61	36 29	44 82	
	Chuka	12 90	6 70	6 20	
Total		134 47	109 27	226 22	
Tomata	gō	2 48	56	1 92	
	Ono	9 43	8 83	60	
	Nakatani	18 35	14 27	4 08	
	Torii	47 65	46 29	1 36	
	Kuta	20 44	19 78	66	

DECLASSIFIED E.O. 12065 SECTION 3 NND

Gun	Town village	Reforestation Program: Planned area cho	Actual results as of Dec. 31, 1950 cho	Projects to be completed by Mar. 31, 1951 cho	Remarks
Tomata	Izumi	26 82	15 67	11 25	
	Nade	5 166	2 9 16	22 50	
	Okutsu	37 9.4	22 68	5 26	
	Kamisaibara	16 00	26 00	30 00	
	Ichinomiya	16 39	14 60	1 79	
	Tonomura	3 16	2 83	33	
	Kagaminimaru	25 29	25 69	10 10	
	Kagamikita	27 24	15 87	11 37	
	Higashiichinomiya	26 26	5 90	20 26	
	Kanba	14 00	6 16	7 84	
	Takakura	6 32	2 18	4 14	
	Takata	24 16	18 28	5 89	

DECLASSIFIED E.O. 12065 SECTION 3 NND No.

Gun	Town village	Reforestation Program: Planned area cho	Actual results as of Dec 31 1950 cho	Project to be completed by Mar 31 1951 cho	Remarks
	Kamo	161.25	7.28	8.22	
	Kamikamo	82.85	44.20	38.65	
	Aba	42.28	2.98	1.80	
	Tsuyama	17.35	4.83	1.50	
Total		303.80	64.54	28.17	
Katsuta	Nino	5.14	4.0	1.14	
	Wiroto	21.36	12.17	9.19	
	Shōkamo	2.30	-	2.30	
	Hirono	11.61	-	11.21	
	Metsuki	2.50	2.22	.41	
	Yoshino	11.00	-	11.00	

Gun	Town village	Reforestation Program: Planed area cho	Actual result as of Dec 31/1952 cho	Project to be completed by Mar 31/1957 cho	Remarks
Katsuta	Katsuta	5'96	2'61	2'35	
	Koyoshino	2'10	-	2'10	
	Kitayoshino	8'97	6'77	2'20	
	Toyota	4'89	1'59	3'30	
	Toyonami	118'82	63'94	54'89	
	Kajinami	102'84	53'61	49'23	
	Takio	20'00	-	20'00	
	Katsumada	6'70	5'00	1'70	
	Toyokuni	8'72	5'39	3'33	
	Yunago	18'32	3'54	15'78	
	Kumon	14'80	7'67	7'13	
	Ilka	23'68	22'13	1'55	

Gun	Town & village	Reforestation Program			Remarks
		Planned area cho	Actual result as of Dec. 31, 1952 cho	Project to be completed by Mar. 31, 1954 cho	
	Minamiwake	10 05	6 25	3 79	
	Kitawake	25 25	22 25	3 10	
	Takatori	10 87	10 47	40	
	Ōzaki	27 00	–	27 00	
	Kawanabe	22 16	7 16	22 00	
Total		484 22	224 56	260 66	
Aida	Wayashino	9 27	–	9 27	
	Toyota	34 69	16 62	18 07	
	Narahara	19 06	13 14	6 32	
	Emi	20 29	4 60	15 69	
	Doi	8 83	30	8 53	

DECLASSIFIED E.O. 12065

Gun	Town-village	Reforestation Program: Planed area	Actual result as of Dec. 31, 1950	Project to be completed by Mar. 31, 1951	Remarks
		cho	cho	cho	
Aida	Fukuyama	17 01	2 79	16 22	
	Kawai	20 06	29 41	66	
	Fukumoto	39 17	22 10	2 07	
	Kose	17 72	17 29	43	
	Awahiro	7 99	–	7 99	
	Awai	7 55	2 78	3 77	
	Yoshino	12 22	60	12 22	
	Oyoshi	15 82	3 22	8 60	
	Ona	13 59	10 39	3 20	
	Sanomo	3 82	–	3 82	
	Ohara	8 61	8 31	30	
	Higashiawakura	80 86	40 77	39 59	

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Gun	Town & village	Reforestation Program: Planned area (cho)	Reforestation Program: actual work as of Dec 31 1970 (cho)	Project to be completed by Mar 31 1971 (cho)	Remarks
	Nishiawakura	60 50	27 08	53 42	
Total		1122 89	225 30	207 50	
Kume	Dinishi	51 07	21 07	30 00	
	Daito	58 75	12 80	45 95	
	Kume	40	40	-	
	Miho	54 00	54 00	-	
	Utano	35 51	35 51	-	
	Nitori	16 84	16 75	2 41	
	Nitorinishe	35 20	35 20	-	
	Nishikawa	21 66	21 66	-	
	Naga	28 14	20 00	8 14	

DECLASSIFIED E.O. 12065 SECTION 3 NWS

Gun.	Inn-village	Reforestation Program: Planed area	Actual result, up to Dec. 31, 1950	Project to be completed by Mar. 31, 1951	Remarks
		cho	cho	cho	
Kume	Ōhaga	16 18	10 00	4 18	
	Tazuta	6 24	4 20	1 04	
	Yuge	41 27	3 97	37 40	
	Yoshioka	16 22	11 46	4 24	
	Kami	2 26	4 16	2 20	
	Inaokaminami	4 22	4 04	18	
	Tatsuyama	4 22	2 21	1 06	
	Fukuwatari	6 00	2 00	4 00	
	Kame	12 20	2 12	10 08	
Total		222 28	126 28	156 04	
Grand-total		493 15	272 99	186 16	

DECLASSIFIED E.O. 12065 SECTION 3 NND

2. Seeding

Gun	Town village	Reforestation Program: Planned area	Actual result as of Dec. 31, 1952	Project to be completed by Mar. 31, 1953	Remarks
Mitsu	Mayakami	25 00	–	25 00	
	Mayashino	5 00	–	5 00	
	Kodani	5 00	–	5 00	
Total		35 00		35 00	
Kume	Kami	5 00	–	5 00	
Total		5 00		5 00	
Kibetsu	Takamatsu	10 00	–	10 00	
Total		10 00		10 00	
Grand-total		50 00		50 00	

DECLASSIFIED E.O. 12065

2. Seeding

Gun	Town-village	Reforestation Program: Planned area	Actual result as of Dec. 31, 19[illegible]	Project to be complete by Mar. 31, 19[illegible]	Remarks
Mitsu	Mayakami	25 00	–	25 00	
	Mayashino	5 00	–	5 00	
	Nodani	5 00	–	5 00	
Total		35 00		35 00	
Kume	Kami	5 00	–	5 00	
Total		5 00		5 00	
Kibetsu	Takamatsu	10 00	–	10 00	
Total		10 00		10 00	
Grand-total		50 00		50 00	

DECLASSIFIED

Qsen	Township/village	Reforestation Program: Planned area	Actual result as of Dec 31 1959	Project to be completed by Mar 31 1961	Remarks

DECLASSIFIED E.O. 12065 SECTION 3 (E), NARS DATE

file A-7-0 Chugoku

KINKI

CHIEF
D/C
C/C 1
TRANS
MEES
MOR
F

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Natural Resources Section

INFORMATION:
O.D. 12, 14
HGS/RYG/GTH/lb
17 May 1950

MAY 26

NR 660 (17 May 50)MG

MEMORANDUM FOR: Record

SUBJECT: Flood and Valley Storage Data from Asahi River, Okayama Prefecture

1. References: Memoranda for Record NR 660 (19 Apr 50)MG, subject: Conference on Asahi, Ogochi, and Kumano River Dam Projects, 19 April 1950, and NR 660 (20 Apr 50)MG, subject: Technical Examination of Power Projects, River Improvement and Flood Control Works, Land Subsidence, and Irrigation Projects, 20 April 1950.

2. From the hydrograph of the 1934 flood, furnished by the River Bureau, Ministry of Construction, valley inflow was computed (Incl 1) and a graph plotted (Incl 2). The valley inflow curve shows that the maximum rate of inflow was 8,000 cubic meters per second (282,000 second-feet), and the ratio of peak flows of valley inflow and runoff, respectively, was $\frac{8,000}{4,940} = 1.62$. (Valley storage may have decreased since). The effect of valley storage in reducing runoff peaks is illustrated by the above computation. Any reduction in valley storage by the building of levees upstream has the effect of increasing peak flows downstream, and therefore should be discouraged unless the channel downstream is enlarged to safely discharge the increased flow.

3. Recommendation: The appointment of an engineer responsible for the flood control works within an entire river basin will aid in preventing ill-advised projects upstream, which increase the flood hazards downstream.

George T. Hirashima

GEORGE T. HIRASHIMA
Scientific Consultant
Mining and Geology Division

2 Incls
as indic par 2

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ZCON 1108

DECLASSIFIED E.O. 12065 SECTION 3 NND

Asahi River, Valley Storage Computation

Decending Limb					Rising Limb			
Flow m3/sec	Days for Interval	Flow Above Base	Valley Storage m3/sec days	Valley Storage	Days for Interval	Valley Storage for Interval	$\frac{?}{6}$ (m3/sec)	Valley Inflow
1	2	3	4 (2x3)	5	6	7	8	9
200	4.2/24	250	44	44	2.2/24	50	545	945
600	2.1/24	650	57	101	.5/24	70	3,360	4,160
1,000	1.7/24	1,050	74	175	.6/24	90	3,600	4,800
1,400	1.6/24	1,450	97	272	.6/24	105	4,200	5,800
1,800	1.6/24	1,850	123	395	.8/24	110	3,300	5,300
2,200	1.0/24	2,250	93	488	.8/24	80	2,400	4,800
2,600	.6/24	2,650	66	554	.7/24	60	2,140	4,940
3,000	.5/24	3,050	62	616	.4/24	60	3,600	6,800
3,400	.4/24	3,450	57	673	.4/24	55	3,300	6,900
3,800	.3/24	3,850	48	721	.4/24	60	3,600	7,600
4,200	.4/24	4,250	71	792	.4/24	60	3,600	8,000
4,600					.6/24	50	2,000	5,770
4,940					.8/24	50	1,500	3,270
4,600					.4/24	60	3,600	800
4,200								

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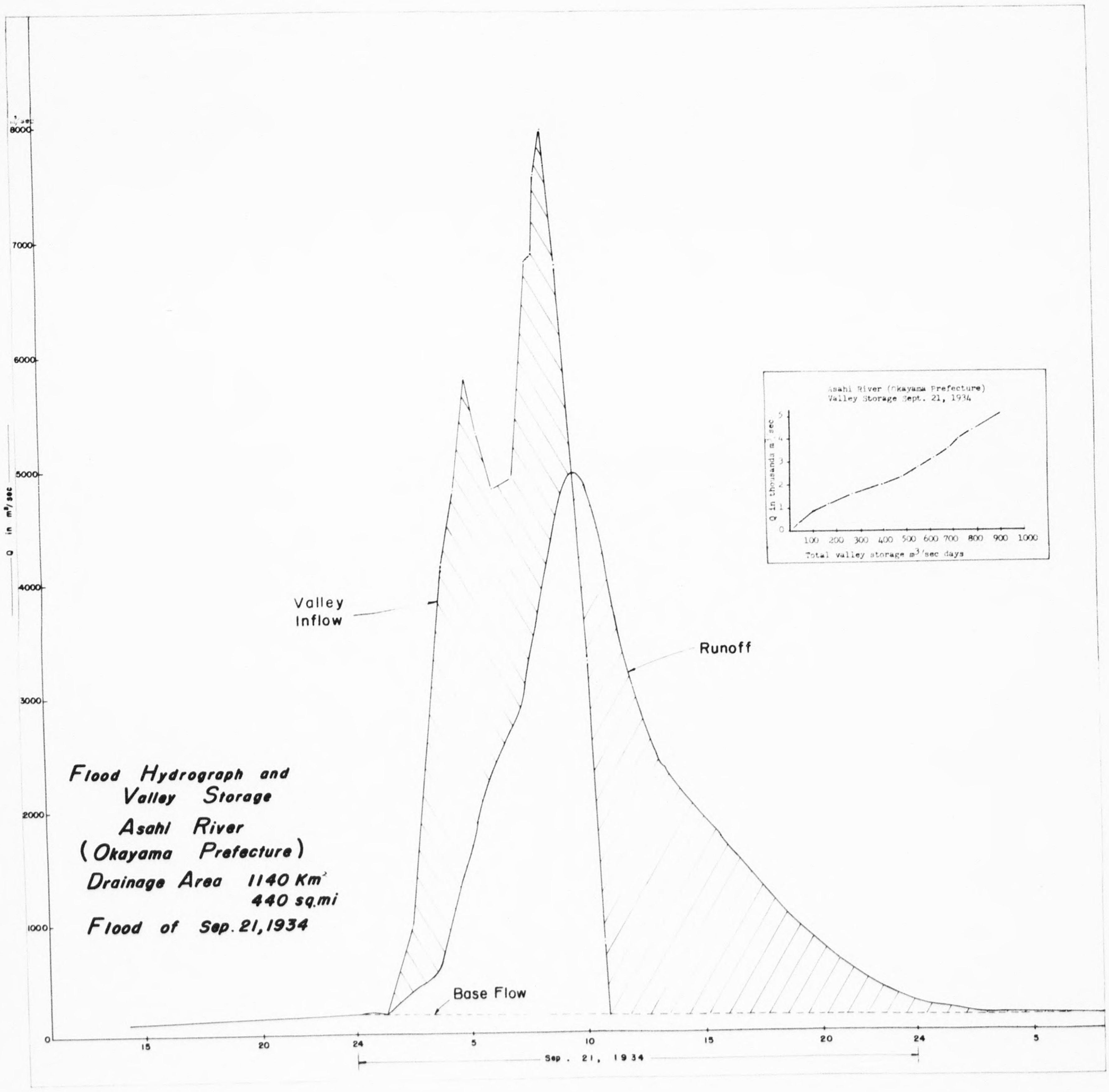


Flood Hydrograph and Valley Storage
Asahi River
(Okayama Prefecture)
Drainage Area 1140 Km²
440 sq.mi
Flood of Sep. 21, 1934

incl 2

DECLASSIFIED E.O. 12065 SECTION 3 (E)(1)(D)

Nat. Res. Division
File No. A-7-0

OKAYAMA PREFECTURE

TSUYAMA FORESRY OFFICE

National Forest Areas

File Index
No. 3

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO.

THE MAP OF 津山

凡例

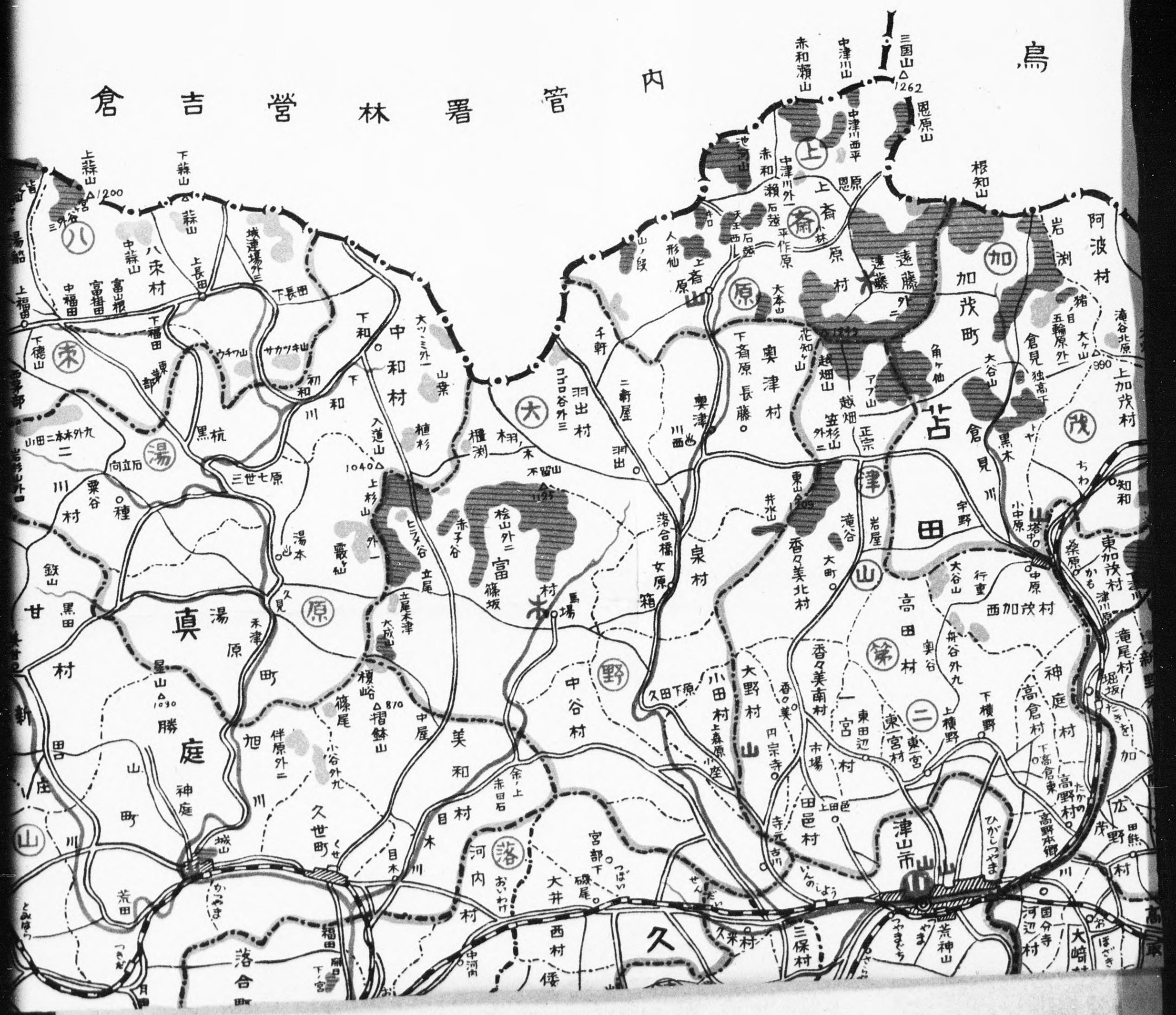
國有林	官行造林地
担當區界	営林署
担當官舍	市郡界
町村界	河川
事業所	防塗負事務所

内管 局林營阪大

津山營林署管轄區域位置圖

THE MAP OF TSUYAM FORESTRY OFFICE

津山營林署管內圖



DECLASSIFIED E.O. 12065 SECTION 3, 5

OFFICE

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DECLASSIFIED E.O. 11652 SECRET Authority

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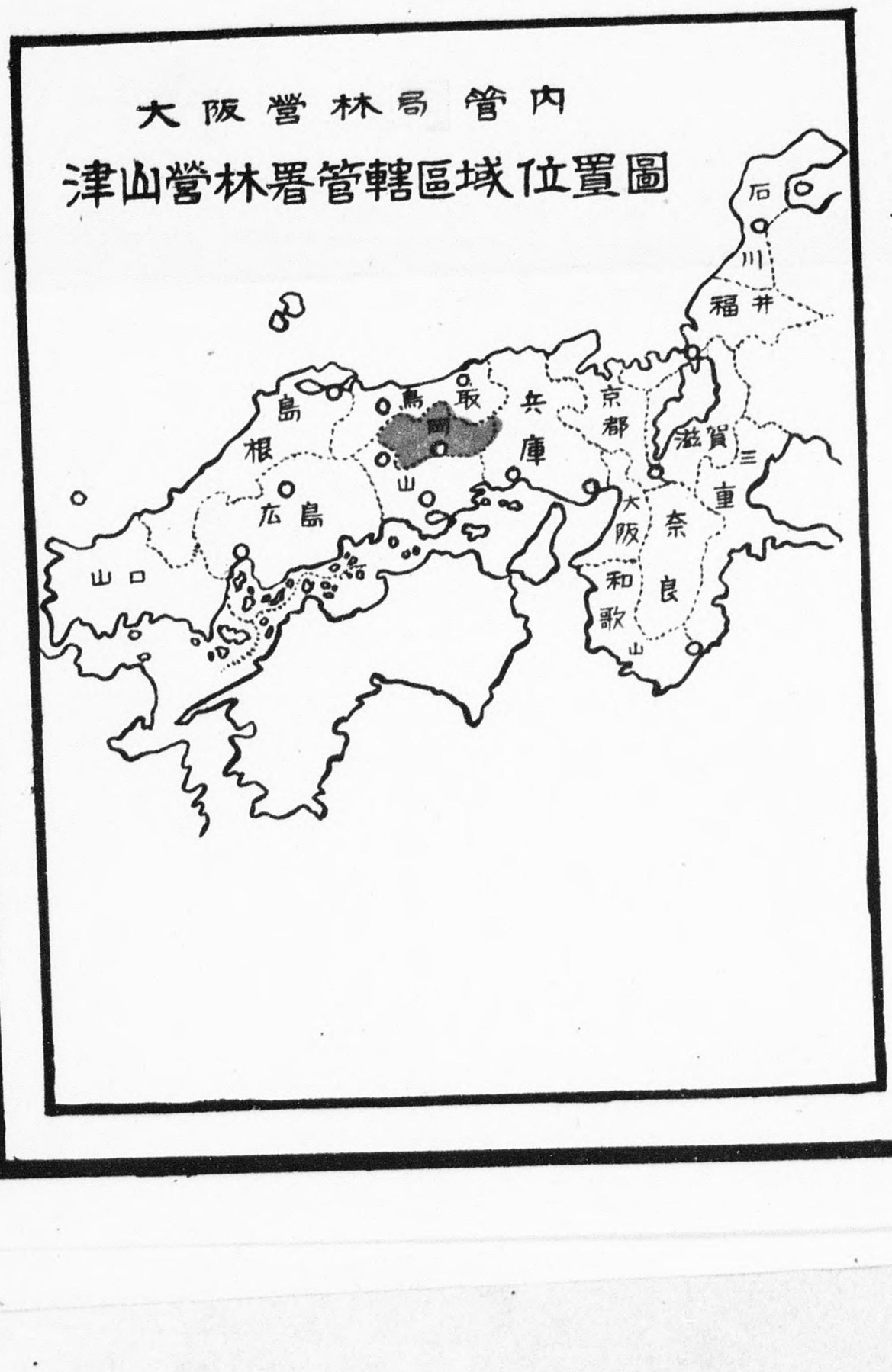

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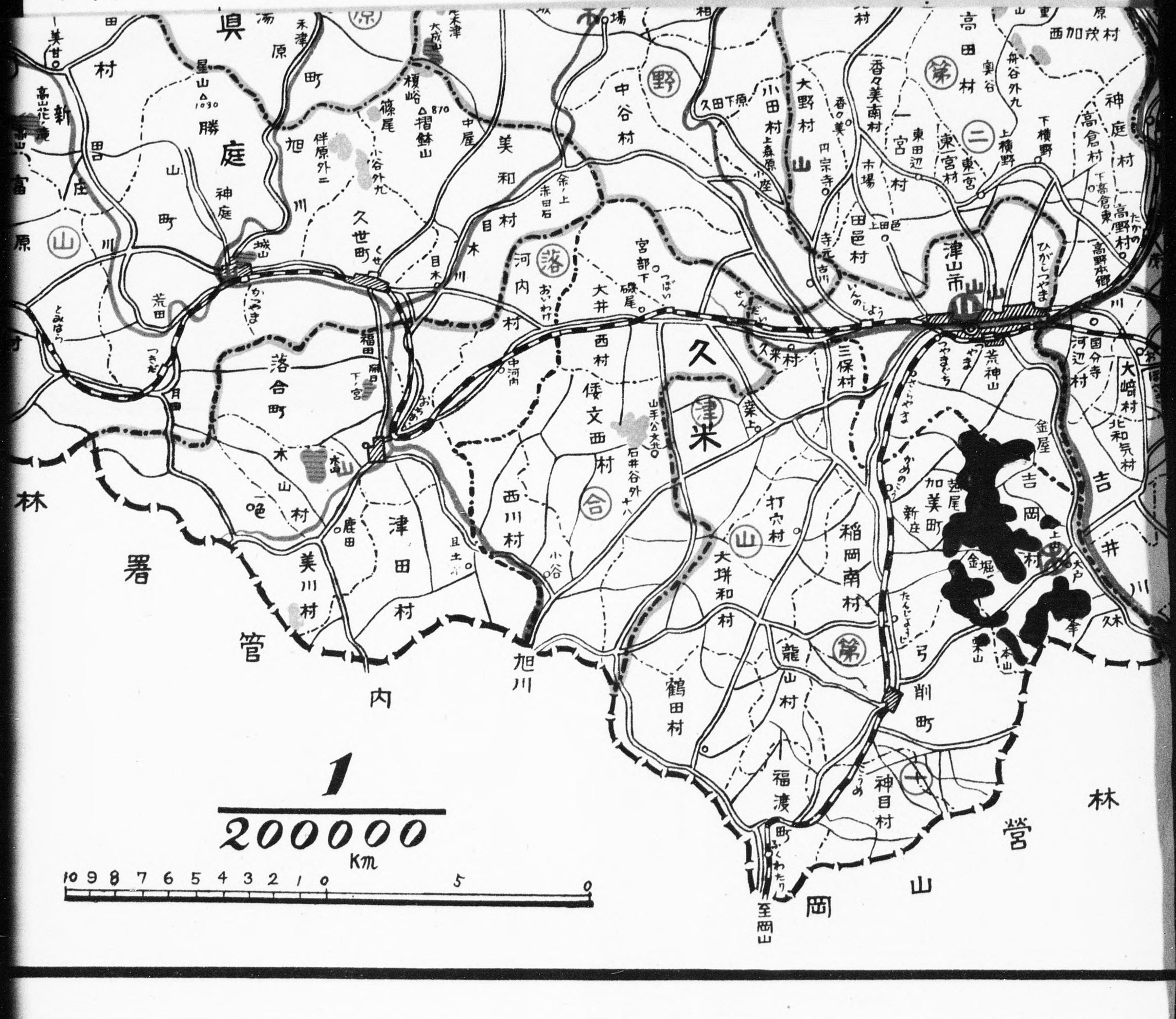

DECLASSIFIED E.O. 12065

DECLASSIFIED E.O. 11065 SECTION 3 (E)(2)

Nat. Res. Division
File No. A-7-0

National Forest Areas

OKAYAMA PREFECTURE
(OKAYAMA FORESTRY ADMINISTRATION OFFICE)

File Index
No. 2

DECLASSIFIED E.O. 12065 SECRET

岡山營林署管內圖

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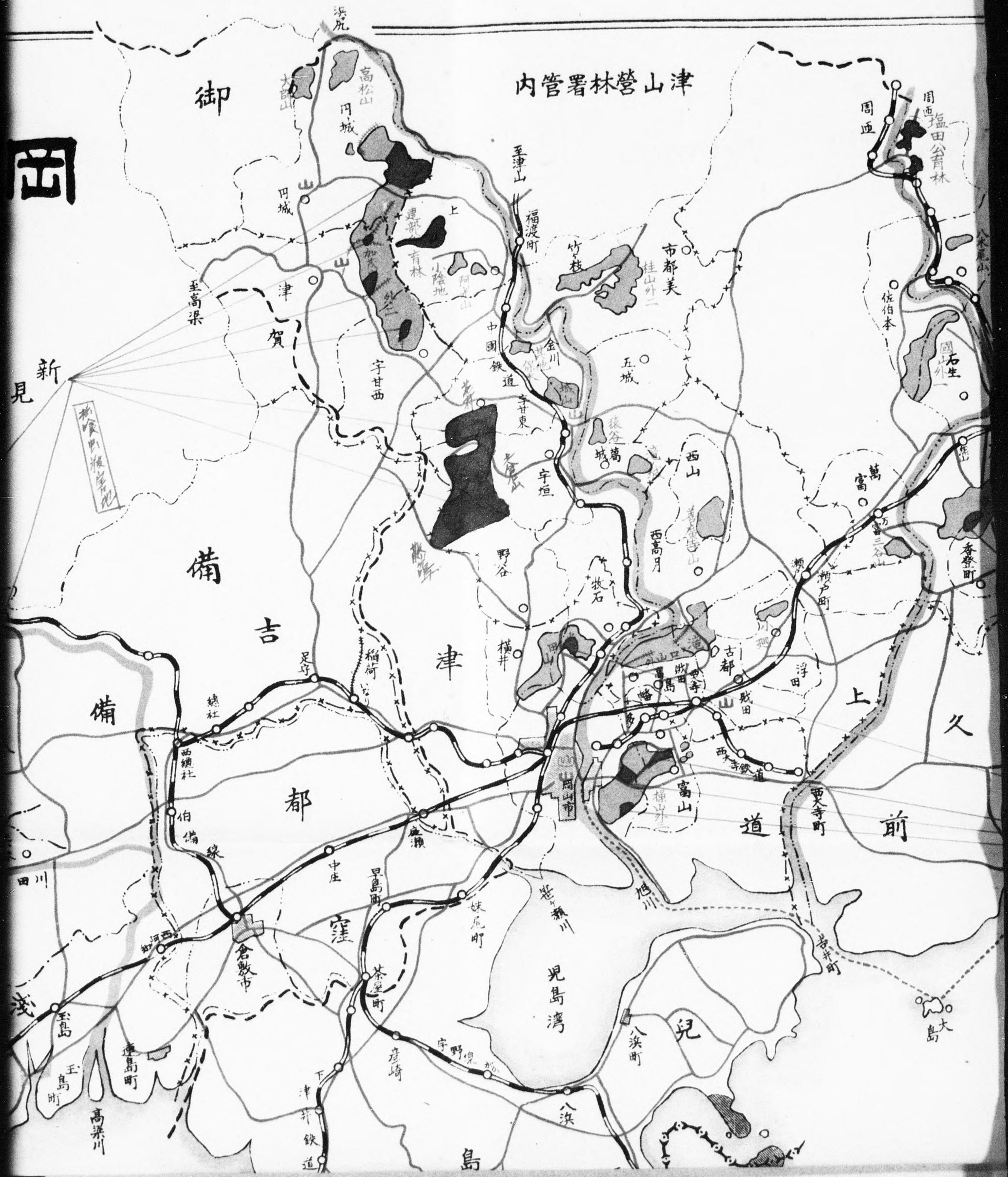
福山營林署管

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSS NO.



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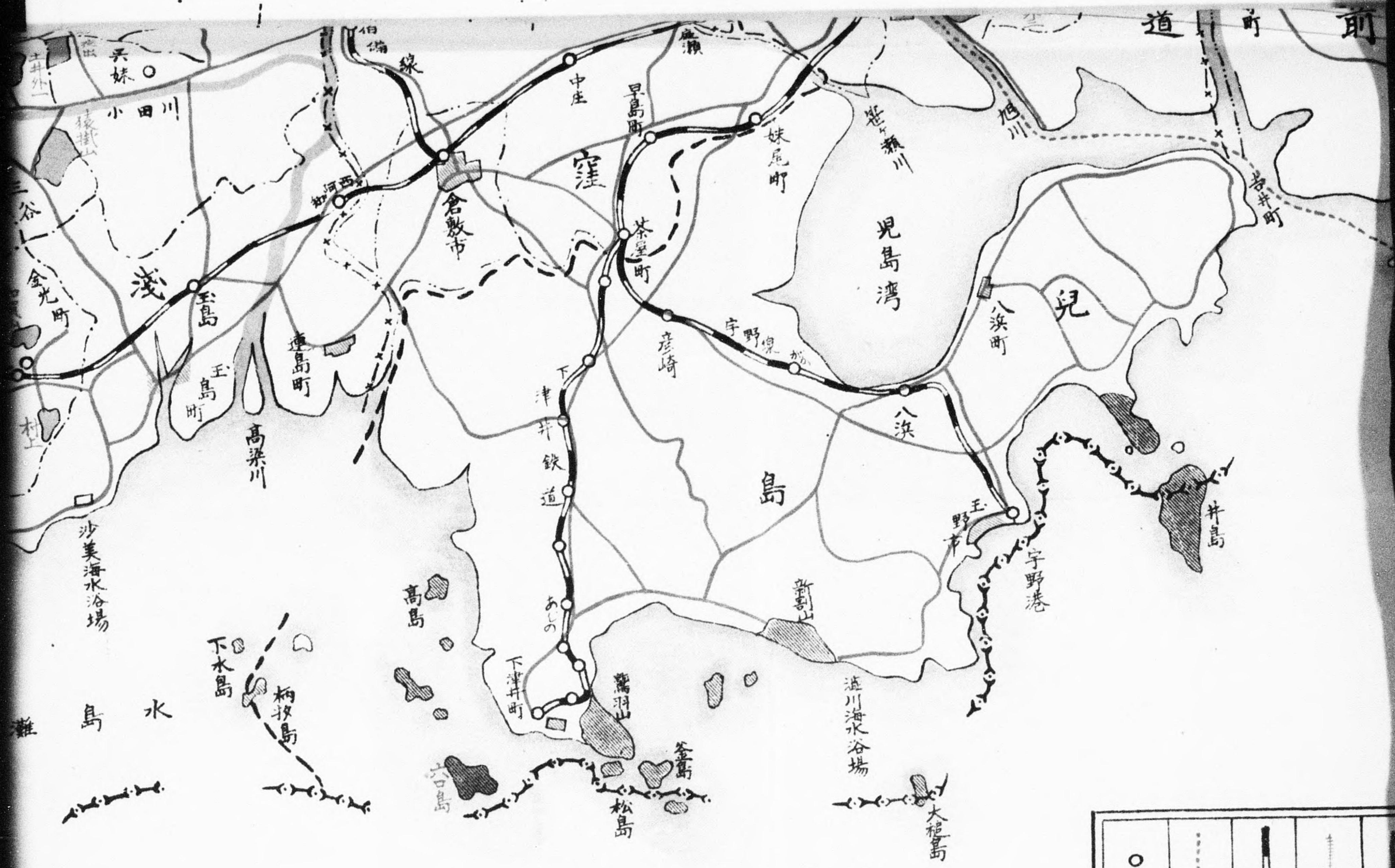


瀬戸内海國立公園

高松營林署管内

○				道
町村役場	定期船路	鐵道	林道	路

DECLASSIFIED E.O. 12065 SECTION 3 (E)(1)(2)(3) NND 963

凡例

營林署	町村役場
担當區官舍（防除負事務所）	定期船路
國有林	鐵道
公有林官行造林野	林道
國立公園特別地區	道路
縣界	町村界
國界	担當區界
郡界	郡界
担當區界	國界
町村界	縣界
道路	國立公園特別地區
林道	公有林官行造林野
鐵道	國有林
定期船路	担當區官舍（防除負事務所）
町村役場	營林署

Nat. Res. Division
File No. A-7-0

National Forest Areas

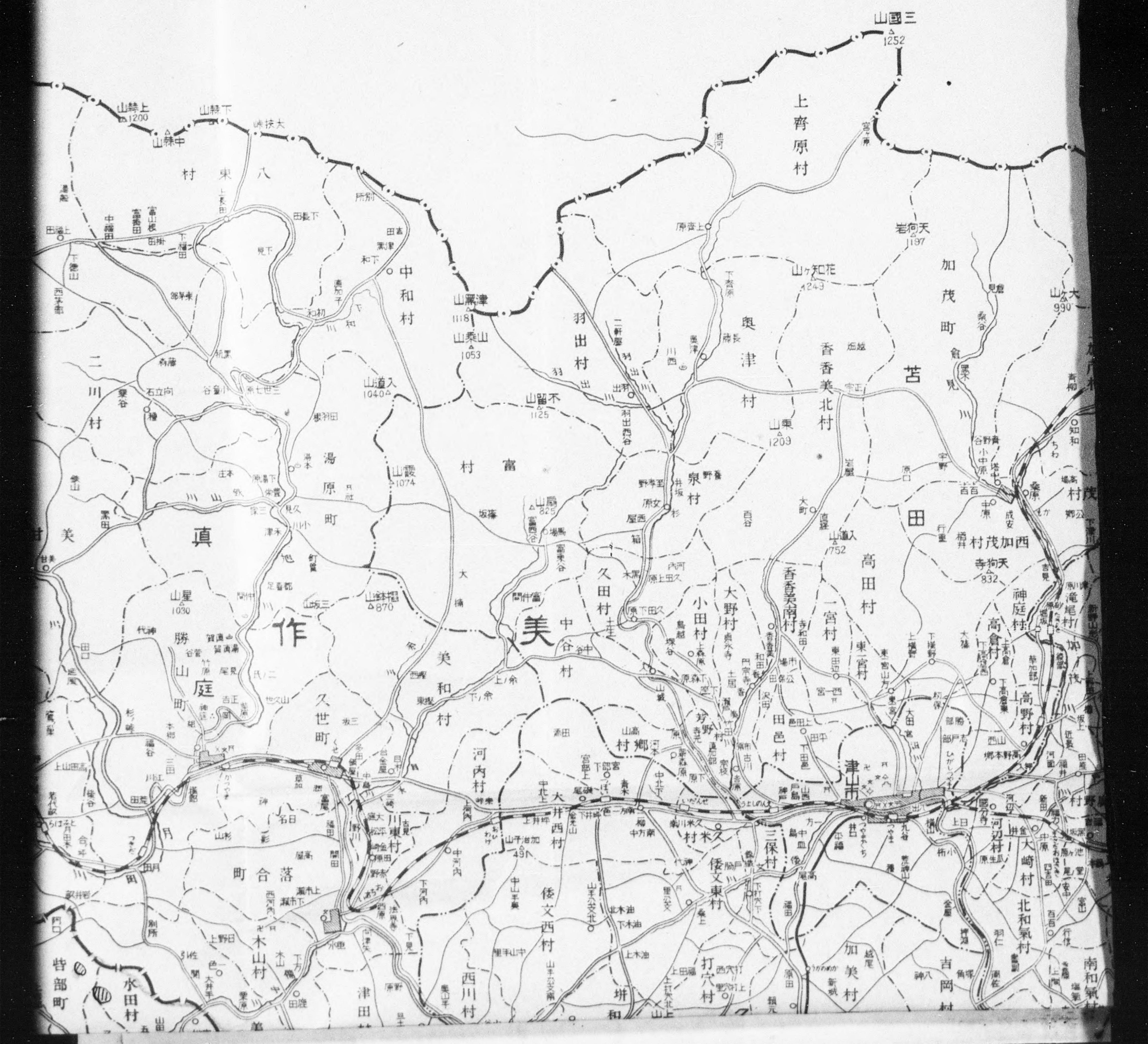
DECLASSIFIED E.O. 12065 DECLASSIFIED

DECLASSIFIED E.O. 12065 SECTION 3 (E)(1)(iii) NSC

地圖

DECLASSIFIED E.O. 12065 SECTION 3 (b)(1)

岡山縣管内地



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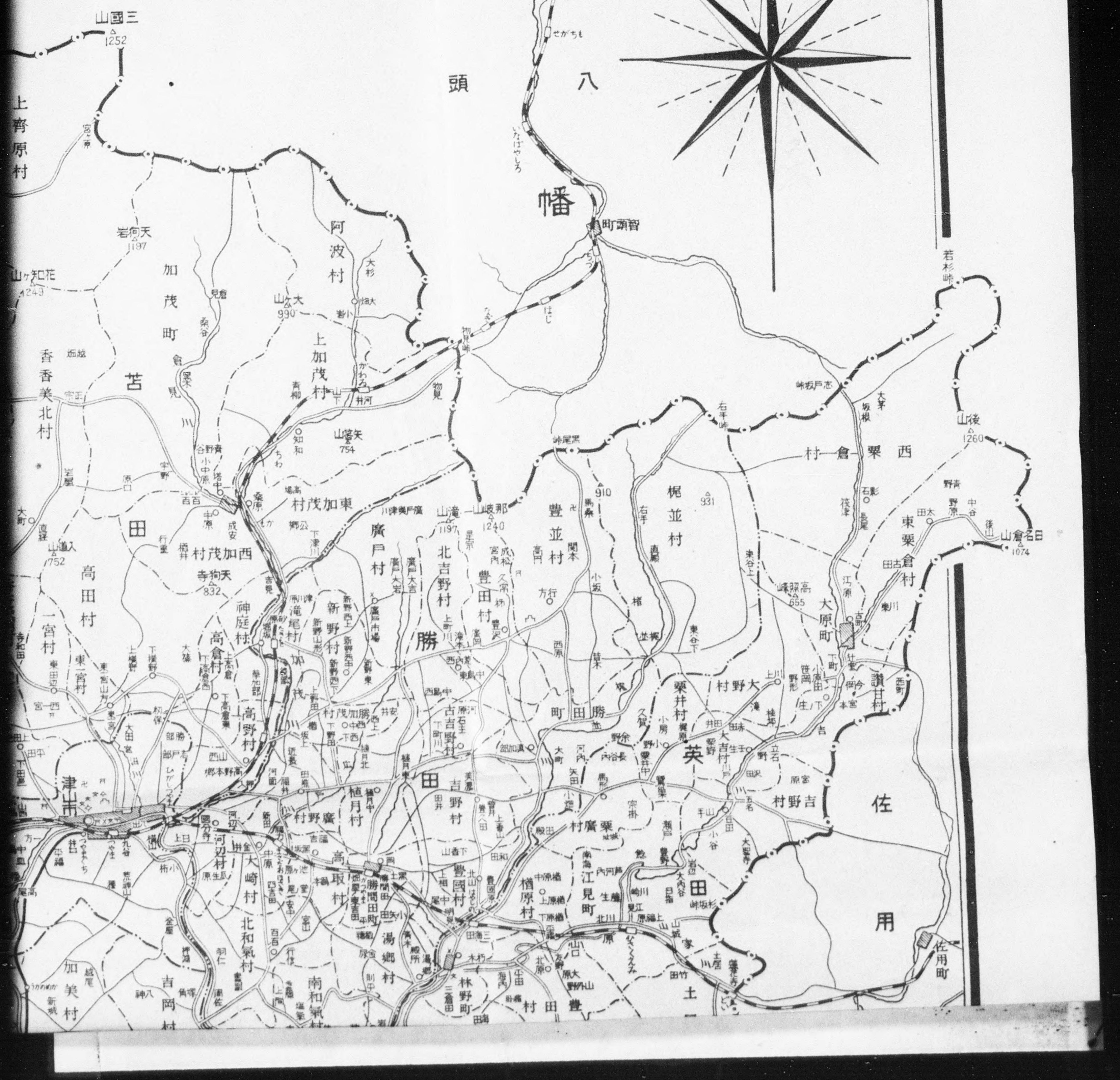
岡山