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# OUTLINE OF THE FORESTRY TRAINING INSTITUTE

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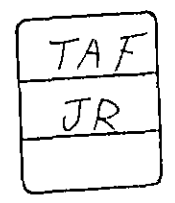
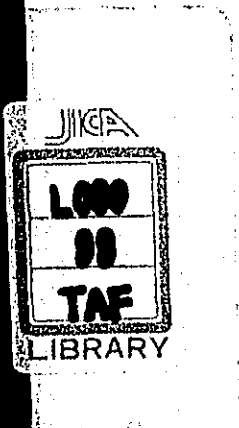
Forestry Training Institute

Group Training Course

in

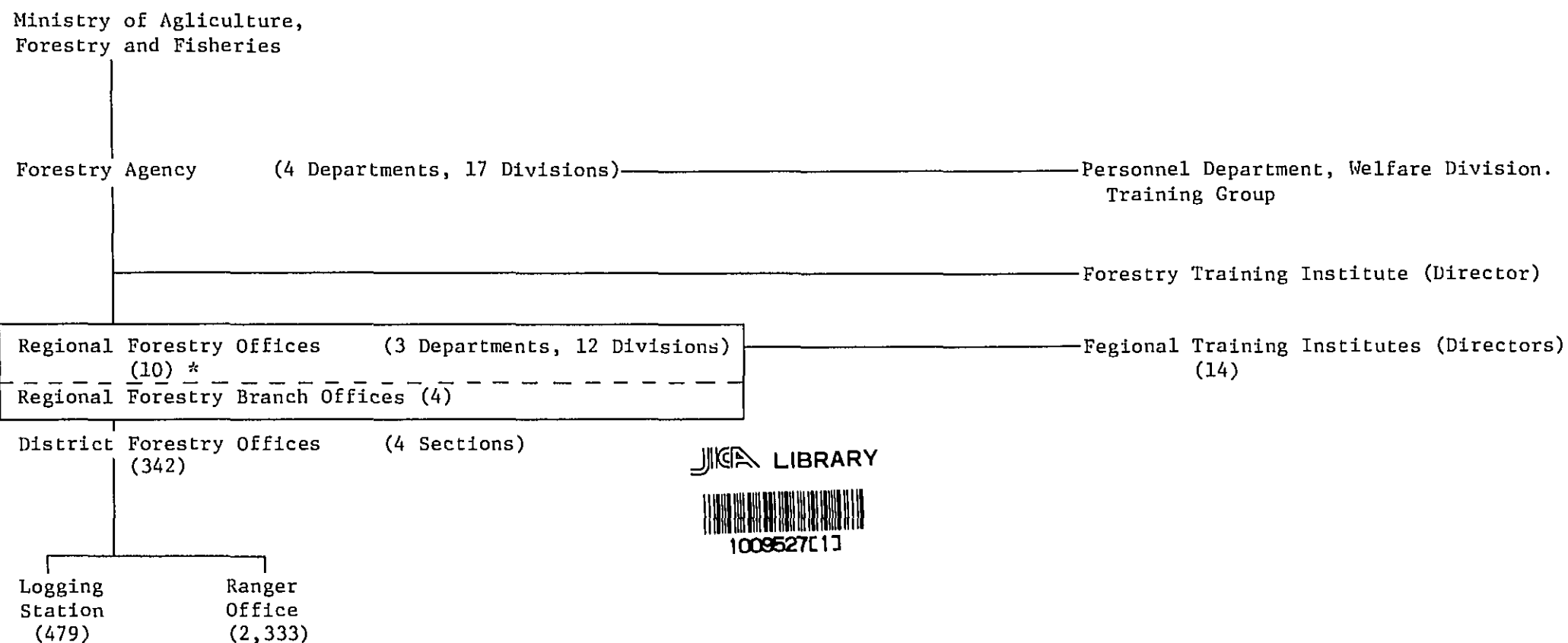
Reforestation Techniques and Administration

Forestry Agency - JICA



国際協力事業団		
受入 月日	'88.11.05	L000
登録 No.	15618	88
		TAF

ORGANIZATION CHART RELATED TO TRAINING

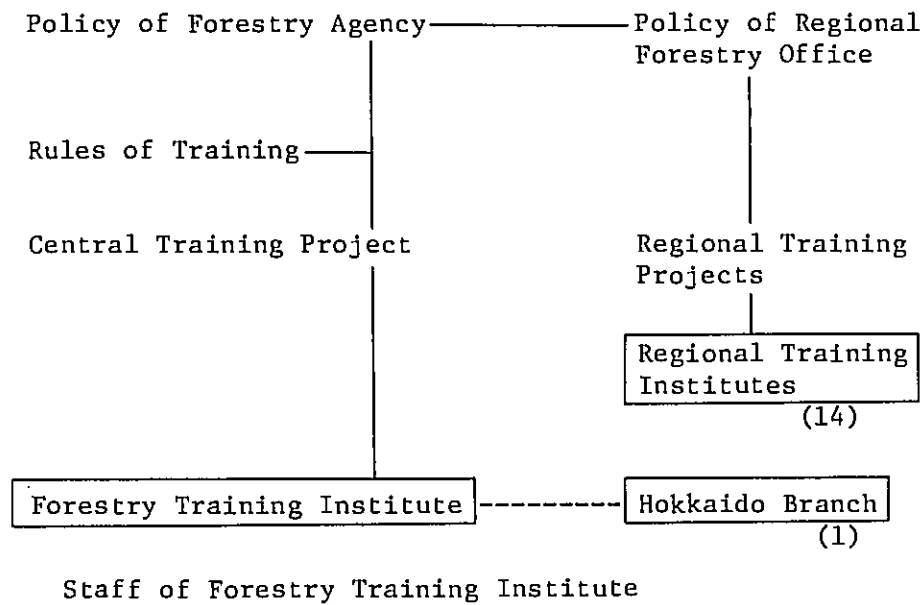


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1. TRAINING SYSTEM OF FORESTRY AGENCY



	Classification of Courses		Training Inst.		
			Central	Region	
Future Job Training	Training for Promoting to higher ranks	Upper Course	○		
		High Course	○		
		Ordinary Course		○	
		College Course	○		
		Technical Expert Course	○		
Present Job Training	Training for Top Managers	◦ R. F. Office Division Chief Course	○		
		◦ D. F. Office Supervisor Course etc.	○	○	
	Training for Forest Management and Technology	Various Courses based on needs of Management		○	○
	Training for Skilled Laborers			○	
	Training for New Employees	◦ University Graduate Course ◦ High School Graduate Course		○	
				○	
Training by Correspondence	◦ Labor Management Course ◦ General Business Course		○		
				○	
Entrusted Training	Entrusted to Universities, Forestry and Forest Products Research Institutes and other research institutes				

2. FUTURE JOB TRAINING

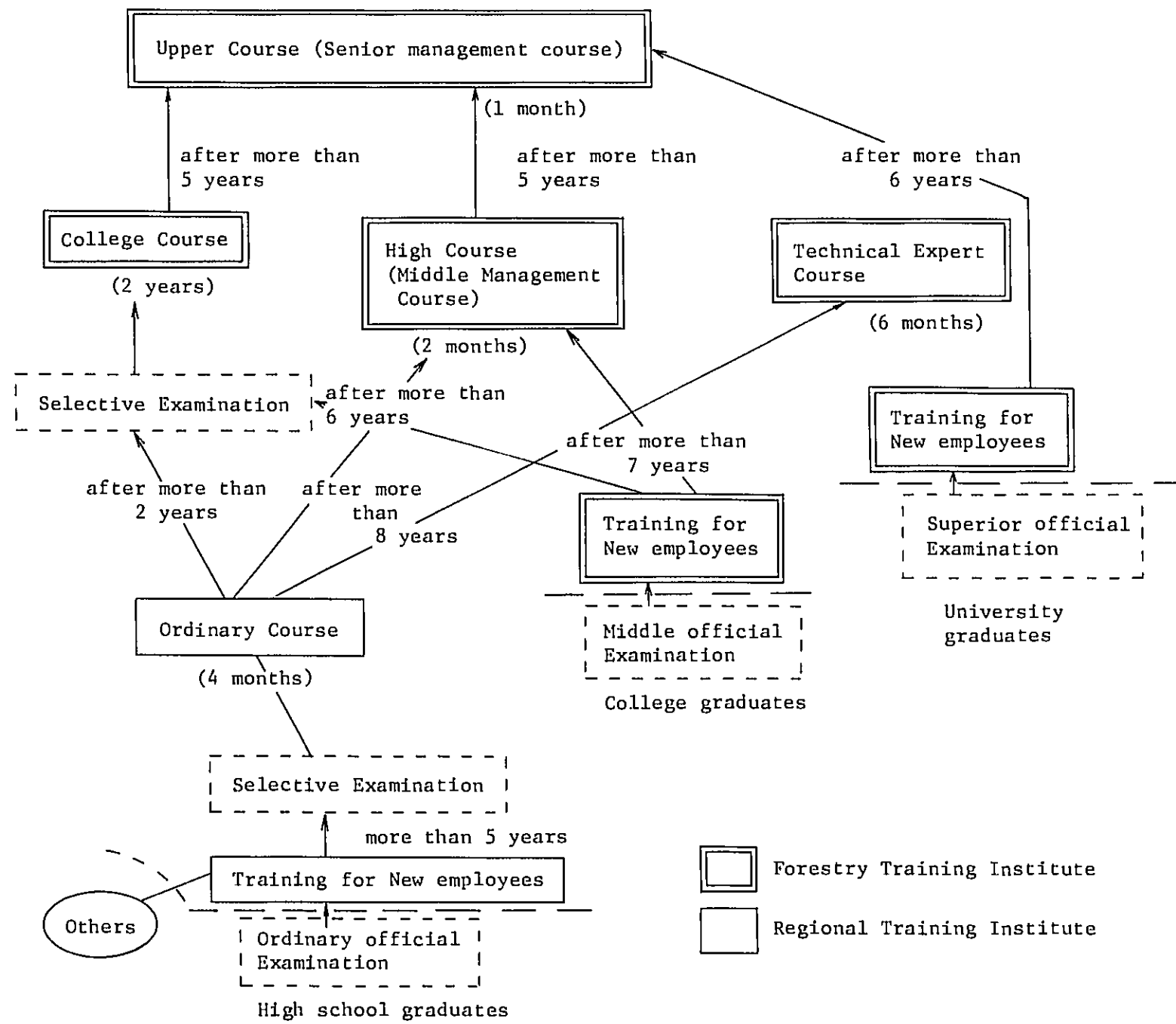
Training course for officials qualifying themselves for higher posts

(Posts after training)

Deputy Supervisor of District Forest Office

Section chief of District Forest Office

Ranger



3. CONTENTS OF TRAINING COURSES

(1) Future Job Training

1) Upper and High Courses

Training Aim

Training the management ability needed for the higher management of D.F. Office.

Training Program (main items)

- 1 Understanding the situation surrounding National Forest
- 2 Understanding the policy of Forestry Agency and the important subjects in managing National Forest
- 3 Development of the administrative ability
- 4 Development of the labor management ability

2) Technical Expert Course

Training Aim

Mastering the special techniques and the management ability needed for the specialist of R.F. Office and the section chief, requiring special techniques, of D.F. Office

Training Program (main items)

Forest civil engineering

- 1 Primary subject ex. mathematics, applied dynamics, soil mechanics, concrete.
- 2 Technical subject ex. forest roads network planning, road design, bridge design
- 3 Relation between forest road work and land safe guard ex. protection forest administration, working in the forest near city, forest development regulation
- 4 Practice ex. concrete, geology, topography
- 5 Management 6 Term report

Logging

- 1 Primary subject ex. electricity, metallic material, wire rope, theory of wire tension, yarding by skidder
- 2 Knowledge on technical development ex. information about technical development, logging of abroad
- 3 Formulating a production project
- 4 Practice ex. breaking up and reassembling of machine, operating of yarder and tractor, wire-splice
- 5-6 the same as forest civil engineering program

Land (soil) conservation

- 1-2 the same as forest civil engineering program
- 3 Technical subject ex. dam work, hillside work, land slide protection work
- 4 Practice ex. concrete, geology, topography, design of dam
- 5-6 the same as forest civil engineering program

3) College Course

Training Aim

Mastering general arts and science, the management ability and the higher level of knowledge and techniques needed to undertake all parts of business, with the purpose of promoting to the senior manager

Training Program (main items)

- 1 General subjects ex. philosophy, literature, social studies, law, economics
- 2 Primary subjects on Forestry ex. surveying forest ecology, aerial photograph, statistics, geology
- 3 Forestry techniques ex. afforestation, forest seed and seedling, forest civil engineering, forestry inventory, forest tree breeding, erosion control, logging
- 4 Management ex. forest planning, organization, accounting, business control
- 5 Graduation thesis

(2) Present Job Training

1) New employees of University Graduates

Training Aim

To develop business adaptability as the newly employed superior public official

Training Program

- 1 Mental preparation as the superior public official
- 2 Outline of Forestry administration and National Forest Management
- 3 Business management

2) Top Managers

a. Supervisors of D.F. Office

To develop good judgement and leadership for newly appointed supervisors

- 1 Wide range of management control

- b. Divisional directors of R.F. Office
  - To develop high degree judgement
  - 1 Sociology, Economics, Culture
  - 2 Management
- 3) Forest Management and Technology
  - a. Safety and hygiene
    - To enrich management ability of Safety and hygiene for the person in charge
  - b. Labor management
    - To develop high degree labor management ability based on present condition of National Forest Management as an Auditor in charge of Labor management
  - c. Marketing
    - To develop marketing ability based on present economic environment for a Marketing Planner and other persons in charge in R.F. Office
    - 1 Structure of lumber supply and demand
    - 2 Management attitude of lumber industry
    - 3 Marketing
  - d. Log product technique
    - Mastering logging technique and management ability as the chief of Logging Station
    - 1 Labor, Safety and hygiene management
    - 2 Fundamental knowledge of logging
    - 3 Technical leadership
  - e. Forest civil engineering
    - Mastering progressive forest civil engineering as the person in charge in R.F. Office
  - f. Audit
    - To develop auditing ability to manage National Forest efficiently as an Auditor of R.F. Office
    - 1 New analysis method and philosophy of ordinary audit



(A) Logging Expert Course	(B) Log Product Technique Course				
14 Persons 6 Months	30 Persons	2 Months			
					81 21 Hours
				Planning	
				Forest management plan of National Forest	( 3)
				Production management	(18)
				Working plan	(27) (21)
				Landscape work of forest	( 3)
				Planning of forest roads network	( 6)
				Process control	( 3)
				Aerial photography	(15)
				Machine use management	( 3)
				Forest development regulation	( 3)
				Practice of Logging	159 78
				Disassembling and reassembling of Diesel engine	(21)
				Disassembling and reassembling of Yarder	(15)
				" Tractor	(18)
				Current cable hauling systems	(42) (36)
				Inspection of logging system	( 3)
				Operation of Yarder	(15) (15)
				Operation of Tractor	(24) (15)
				Wire splice	(18) (12)
				Practice of felling and bucking	51 45
				Operation of chain saw	(15) (15)
				Setting the teeth of saw chain	( 6) ( 9)
				Disassembling and reassembling of chain saw	(12) (12)
				Better bucking	(12) ( 3)
				Bucking by electric machine	( 6) ( 6)
				Observation	69 21
				Physical training	9 ( 3)
				Evaluation	3 ( 3)
				<b>Total time</b>	<b>690 243</b>

