General field procedures for monitoring Thailand's forest resources (THAIFORM)

Forest Inventory Group

Division of Rehabilitation and development Protected area Department of National Parks ,Wild life and Plant conservation



Tally sheet

- General information
- Cluster centre access & site features
- Lichen, moss, seedlings & saplings
- Trees
- Bamboo, erect rattan & tree stump
- Coarse woody debris, climbing rattan & climbers (transect 1)
- Coarse woody debris, climbing rattan & climbers (transect 2)
- Site disturbance

- General information (page 1)
 - Identify the location of the plot centre and make detailed from camp to the starting point
- Plot centre access (page 2)
 - Overview of plot establishment



- Lichen, moss, seedling and sapling (page 3)
 - describing lichen, moss, seedling and sapling.
- Trees (page 4)
 - measuring of trees.
- Bamboo erect rattan and tree stumps (page 5)
 - measuring bamboo, erect rattan and tree stumps.

- Coarse woody debris, climbing rattan and climbers: transect 1 (first line) (page 6)
 - measuring CWD, climbing rattan and climbers.
- Coarse woody debris, climbing rattan and climbers: transect 2 (the second line is at +90 degrees to the first line (page 7)
 - measuring CWD, climbing rattan and climbers.



- Site disturbance (page 8)
 - describing site disturbance.



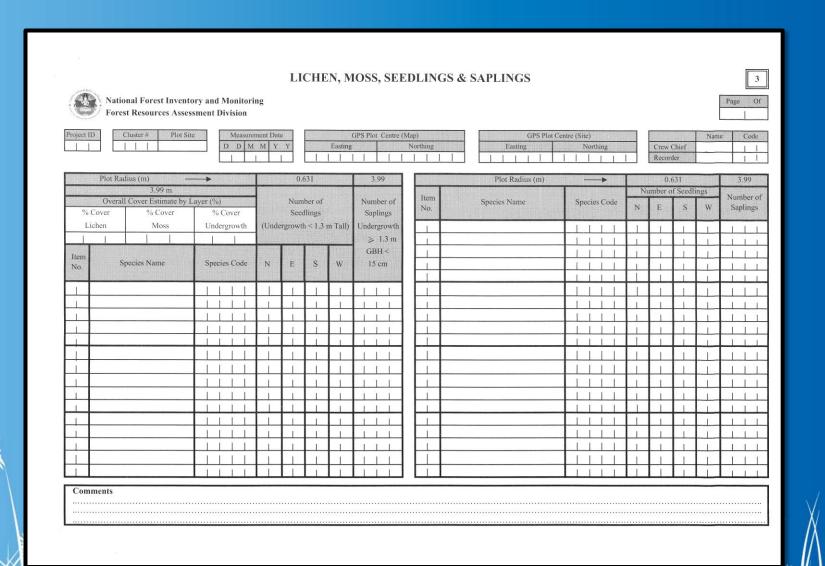
General Information

National Forest Inventory and Monitoring Forest Resources Assessment Division	GENERAL INFORMATION	Page of
Project ID	GPS Plot Centre (Map) Easting Northing Easting Northing Crew Chief Recorder	Name Code
Identification Sample Location & Data ID GPS DATUM	Map Series Province GPS Camp Site Map Sheet No. Cluster Centre Starting Point Code Code Code Code Code Code Code Code	
Tally Sheet Index (Number) 1 General Information	Sample Plot Location Sketch Map N N N N N N N N N N N N N	
& Tall Shrubs 11. Plant Specimens 5. Bamboo, Erect Rattan 12. Unavailable Plot Site & Tree Stump Landuse Type and Percent Cover Code Description	%Cover	
	Access Notes from Camp to Starting Point (STP)	
Time (24 hour clock) Camp Car Plo Leave 1. 2. 4. Arrive 6. 5. 3. Weather	Centre	
Camp Site	Comment	

Plot center access

Forest Resources Assessment Cluster # Plot Site	Measurement Date D D M M Y Y	GPS Plot Centre (Ma Easting	ap) Northing	GPS P Easting	lot Centre (Site) Northir	Crew Reco	Na Chief	me Cod
Ref. Point Details Ref. Point Type (Tick one V) Startin	oint to Easting g Point ounce (m) Elevation Plot Co	entre (m) EPE	Slope (°)	Aspect		FEATURES strates (% cover)		sition (Plot Cent one Crest Upper
Other	GPS MAP	STP ROP		Shape (Tick one Concave Convex Straight	Open V Flowing Stagnant	Water (% cover)		Middle Lower Depression Flat
cimuth (0- 359°) Distance	ce to Cluster Centre (GPS)	m	Easting	North	ing	Easting		Northing
Nav	igation Notes Azimuth Distance (°) (m)	Remark	Easting ROP Details (Tree Species Code	Tick One √)	Azimuth ROP to Cluster Centre		(Tick One ✓)	Northing Azimuti RIP to Cluster Ce Distance
Nav	igation Notes Azimuth Distance		ROP Details (Tick One √)	Azimuth ROP to Cluster Centre	RIP Details	(Tick One ✓)	Azimut RIP to Cluster Ce
Nav	igation Notes Azimuth Distance	Remark	ROP Details (Tree Species Code GBH (cm)	Tick One √)	Azimuth ROP to Cluster Centre	RIP Details Tree Species Code GBH (em) Other	(Tick One ✓)	Azimul RIP to Cluster Co
Nav	igation Notes Azimuth Distance	Remark	ROP Details (Tree Species Code GBH (cm) Other	Tick One √)	Azimuth ROP to Cluster Centre	RIP Details Tree Species Code GBH (em) Other	(Tick One ✓)	Azimul RIP to Cluster Co

Lichen, moss, seedlings and saplings



Trees

National Forest Inventory and Monitoring Forest Resources Assessment Division

TREES

Page of

Project ID Cluster # Plot Site

Measurement Date

D D M M Y Y

GPS Plot Centre (Map)

Easting Northing

GPS Plot Centre (Site)

Easting Northing

Plot Radiuss (m) 17.84

1.5	Name	Code
Crew Chief		1.1
Recorder		111

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Item No.	Species Name	Species Code	Azimuth	Distance (m)	Live / Dead Stand / Fall	GBH (cm) (≥ 15 cm)	M/E	rreight	M/E	Number of Logs	Fimber Quality (1)	vn Class (2)* Condition (3)				Crown Wi	idth	Crown Height (m)	Lichen Loading	Orchid (Y / N)	Remark
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CHARLES THE	(1	(1)* Timber Quality												
Code	GB	H (cm)	Remarks											
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20	45 .	- 100	12		Culi									
11, 12, 13	1 3	> 100	13		Firewood									

(2)*	Crown Class
Code	Definition
D	Dominant
C	Co-dominant
1	Intermediate
S	Suppressed

Code	Definition
G	Good
M	Medium
p	Poor

Comment	

Bamboo, erect rattan and tree stump

ect ID Cluster# PI		ment Date M Y Y	GPS Easting	Plot Centre (N	Map) Northing		Eas	GPS Plot of	Centre (Site) Northi	ing	Plot Ra (m) 12.6)	Crew Chief Recorder
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o. Species Name	Species Code	of G	kve. Ave. BH Length cm) (m)	Number of Stems	Min. GBH (cm)	Max. GBH	Ave. GBH (cm)	Ave. Length (m)	Girth (cm)	Height (cm)	Old / New	Live / Dead	Remark
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Coarse woody debris, climbing rattan and climbers (transect 1)

National Forest Inventor Forest Resources Assess	,				TR	ANSE	CT 1									Page	of
Project ID Cluster # Plot Site	Measurement D	Date		GPS Plot C	entre (Map)			GPS	Plot Centre	(Site)					Name		Code
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Coarse woody debris, climbing rattan and climbers (transect 2)

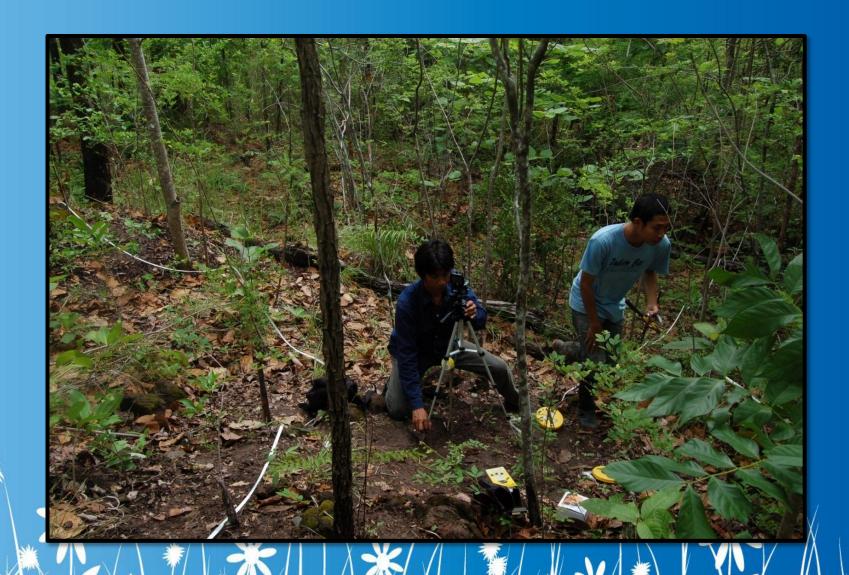
Forest Resources Asses	ory and Monitorin sment Division	ng		TRANSECT 2	2		Page of
ject 1D Cluster # Plot Site	Measurement	Date	GPS Plot Cer	ntre (Map)	GPS Plot Centre (Site)	Name	Code
	D D M M	YY	Easting	Northing	Easting Northing	Crew Chief	
iter ID		ШШ				Recorder	
andom 0 - 359 °	ROUN Horizontal Length Observed	ND PIECES	m out of 1	7 8 4 m	ACCUMULATION	OR ODD-SHAPED PIECE	s
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m Species Name	Species Code	Girth	Tilt M/E Angle M/E	(Tick One 🗸)	Item Horizontal Vertical	A STATE OF STREET	(Tick one
m Species Name	Species Code	(cm)	M/E Angle M/E	CWD Rattan Climber	No. Length M/E Depth (cm) (cm)	M/E CWD Rattan Climber	Acc. Od
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Site disturbance

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roject	ID Cluster #	Plot Site	N	Measureme	nt Date			GPS Plot C	entre (N	fap)				GPS Plo	lot Cen	tre (Site)			1	Plot Radi	us		Fig. 1	N	ame	Code	e
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2	Aquaculture				\neg							-								,,.							-
3	Collecting NTFPs				_														Speci	fy (Bambo	o. Vegi	etation.	Mushroon	Rattan	etc)		_
4	Dam Construction			-	-			-							-		_			, (-,			, , , , , , , , , , , , , , , , , , , ,			-
5	Settlement Area				$\overline{}$							- the least					_		Sneci	fy Type of	Settler	nent					-
6	Facility Construction				_															fy Type of							-
7	Forest Fire																		opee.	., .,pe o.	- deline	,					-
8	Livestock Grazing																		Speci	fy Type of	Livest	tock					_
9	Mining				-															fy Mineral:							-
10	Excavation				_												-			fy (Laterit		Soil Sa	nd Rock	etc)			_
11	Wildlife Damage			\vdash	_												_			fy Type of	_						_
12	Pest & Disease				-		-												_	fy Name of				01700			-
13	Pollution				$\overline{}$														_	fy: Water o			-,				_
14	Road Construction										100									Path, M =		lling Rd	., H = Pe	rmanent l	Rd.		_
15	Storms																										_
16	Other (Specify)				\neg																						_
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H = All Vegetation Damaged or Removed.

Set the compass

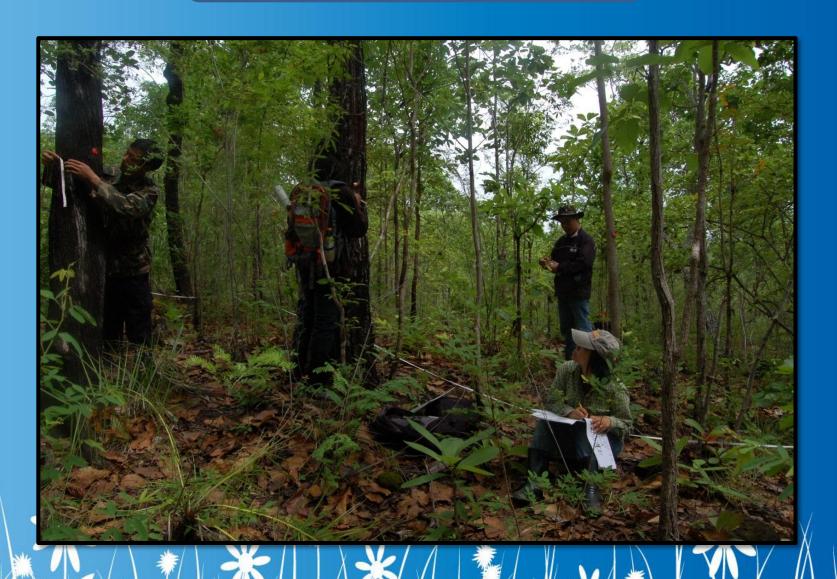




Counting seedling

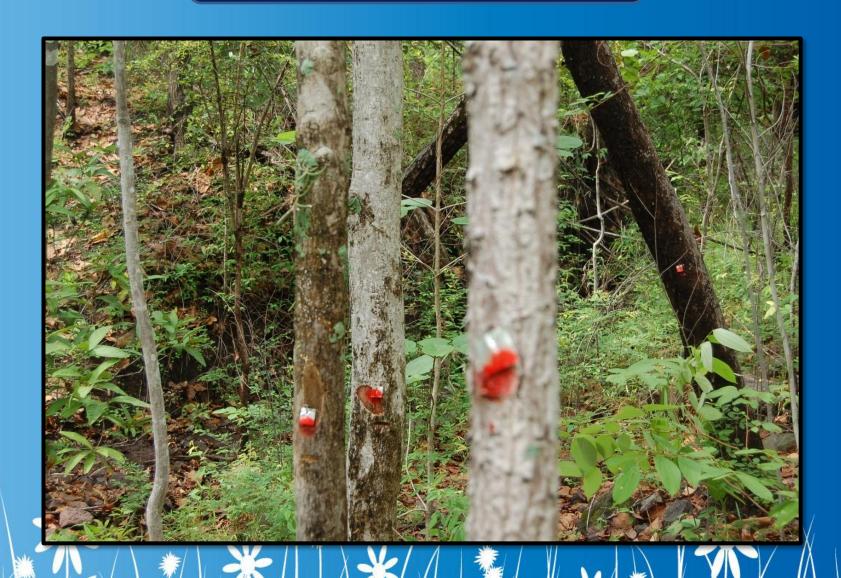


Measuring trees





Track on trees





Land use type















Plant spp.



Plant spp.



Soil Profile





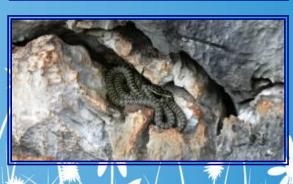




Animal spp.

















END

