

Institutions that did not specify focal species are not listed.

* Total Institutions Working with Species

Species	Main Uses		INSTITUTIONS																	
	WOOD	FRUITS/FOOD	OTHER USES																	
<i>Chukrasia velutina</i>			Central for Tropical Fruit Studies, IPB																	
<i>Cinnamomum</i> sp	✓	✓	Dept of Microbiology, LIPI																	
<i>Cinnamomum burmanni</i>	✓	✓	Dept. of Phytochemistry, LIPI																	
<i>Cinnamomum cassia</i>	✓	✓	Directorate Forest Tree Seed																	
<i>Cinnamomum merccoi</i>	✓	✓	Dir. Of Rehabilitation & Soil Conservation																	
<i>Citrus</i> sp	✓	✓	Faculty of Forestry, IPB																	
<i>Citrus grandis</i>	✓	✓	Forestry Seed Technology Center																	
<i>Coffea arabica</i>	✓	✓	ICRAF/Winrock DAT Program																	
<i>Conyza lecontei</i>	✓	✓	INDO-NAS																	
<i>Cunninghamia lanceolata</i>	✓	✓	Perum Perhutani																	
<i>Curcuma longa</i>	✓	✓	PT Monforti Nusantara																	
<i>Cycas circinalis</i>	✓	✓	R&D Center for Biotechnology																	
<i>Cycas rumphii</i>	✓	✓	R&D Center for Forest & Nature Conservation																	
			Research Inst. for Spice & Medicinal Crops																	
			Bukidnon Forests Incorporated (BFI)																	
			College of Economic & Management UPLB																	
			Dept. of Forestry Central Mindanao Univ.																	
			ERDB																	
			FORTIP																	
			ICRAF Claveria Research Site																	
			ICRAF Lantapan Research Site																	
			IAF-UPLB																	
			IIRR																	
			Kitanglad Integrated NGOs																	
			MOSCAT																	
			PCARRD																	
			CFSC																	
			CAF, National University of HoChiMinh City																	
			Dept. of Botany & Ecology, NUof HCMC																	
			FIPI																	
			Forest Research Center (FRC)																	
			Forest Science Sub-institute of S. Vietnam																	
			Forest Seed and Planting Materials Enterprise																	
			Institute of Agricultural Science of S. Vietnam																	
			RCFEE																	
			RCFTI																	
			VASI																	
			Xuan Mai Forestry University of Vietnam																	
			Fac. Of Forestry Kasetsart University																	
			FORGENMAP																	
			HESD																	
			ICRAF Mae Chaem Watershed Research Site																	
			MCC, Fac. Of Agriculture, CMU																	
			Silviculture Research Division																	
			Soil Science Dept., Khon Kaen University																	
			* Total Institutions Working with Species																	

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* Total Institutions Working with Species

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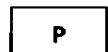
Annex VI: Tree Domestication Continuum - Indonesia

Organization	Explo. & Collec.	Spp Eval Character	Tree Breeding	Prop Nursery	Germ Multiply	Seed/pl distri. Diffusion	Silvi Tech.	Utiliza & Market	Training	Information	Policy
1. Center for Tropical Fruit Studies											
2. Dept Microbiology (LIPI)											
3. Dept. Phytochemistry (LIPI)											
4. Dir. Forest Tree Seed						P	P	P		P	
5. Dir. Rehab & Soil Conservation				P	P	P	P			P	P
6. Fac. Forestry Bogor Agr. Univ					P		P	P			
7. For Seed Tech Center						P				P	
8. ICRAF/Winrock				P	P	P	P	P	P	P	P
9. INDO-NAS							P	P			
10. Perum Perhutani											
11. PT. Montori Nusantara						P	P				
12. R & D Center Biotech (RDCB)											
13. R & D Forest & Nature Conservation					P	P			P	P	
14. Res. Inst. Spice and Med.Crops				P	P	P		P			

Key:



= Institutional strength



= Smallholder domestication priority identified by the institution

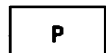
Annex VII: Tree Domestication Continuum - The Philippines

Organization	Explo. & Collec.	Spp Eval Character	Tree Breeding	Prop Nursery	Germ Multiply	Seed/pl distri. Diffusion	Silvi Tech.	Utiliza & Market	Training	Information	Policy
1. BFI											
2. College Econ & Management					P	P		P			
3. Dept Agron. UPLB	P	P		P	P	P		P			
4. Dept. Biol, CMU				P	P	P					
5. Dept. Forestry, CMU											
6. ERDB				P	P	P		P		P	
7. FORTIP						P					
8. IAF, UPLB						P					
9. ICRAF Claveria					P	P	P	P			
10. ICRAF Lantapan					P	P	P	P			
11. IIRR				P							
12. Kitanglad IN				P	P	P	P				
13. MOSCAT	P	P		P	P	P	P				
14. Nat. PGR Lab				P	P	P	P	P			
15. PCARRD				P	P	P			P	P	

Key:



= Institutional strength



= Smallholder domestication priority identified by the institution

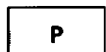
Annex VIII: Tree Domestication Continuum - Thailand

Organization	Explo. & Collec.	Spp Eval Character	Tree Breeding	Prop Nursery	Germ Multiply	Seed/pl distri. Diffussion	Silvi Tech	Utiliza & Market	Training	Information	Policy
1. FAC. Forestry. KUT						P					
2. FORGENMAP											
3. Forest Nursery Division RFD											
4. HESD				P	P	P			P	P	
5. ICRAF-Mae Chaem		P				P	P	P			
6. Multi-cropping CMU											
7. Silvi Research, FRD											
8. Soil Science Dept., Khon Khaen Univ.			P	P	P	P	P	P			

Key:



= Institutional strength



= Smallholder domestication priority identified by the institution

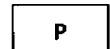
Annex IX: Tree Domestication Continuum - Vietnam

Organization	Explo. & Collec.	Spp Eval Character	Tree Breeding	Prop Nursery	Germ Multiply	Seed/pl distri. Diffusion	Silvi Tech.	Utiliza & Market	Training	Information	Policy
1. Central Forest Seed Company								P			
2. Coll. AF, Nat. Univ of HoChiMinh				P	P	P					
3. Dept. Bot. Nat. University				P	P	P			P	P	
4. Forest Invest & Plan Institute.				P	P	P	P	P	P	P	
5. Forest Research Center		P					P		P	P	
6. Forest Science Sub Ins of South VN		P	P	P		P		P	P		
7. Forestry Seed & Plant Mat. Ent			P								
8. Institute of Agricultural Science		P		P	P	P	P	P			
9. Res. Centre for Forest Ecology & Environment				P	P	P					
10. Research Center for Forest Tree Improvement						P		P			
11. VASI.		P			P	P	P		P		
12. Xuan Mai Forestry University								P			

Key:



= Institutional strength



= Smallholder domestication priority identified by the institution

Annex X: Specific Strengths of Institutions Visited during Study

Country/Organization	Specific strengths of institutions
Indonesia	
1. Center for Tropical Fruits Studies	Fruit species for smallholders
2. Department of Microbiology	Microbiological analysis of plants
3. Department of Phytochemistry	Biochemical analysis of plants
4. Directorate of Forest Tree Seed	Management of tree seed production, collection and distribution for industrial and government uses
5. Directorate of Rehabilitation & Soil Conservation	Rehabilitation of degraded lands, multipurpose species for smallholders on degraded lands, training
6. Faculty of Forestry, Bogor Agriculture University	Propagation, nursery management, silviculture systems, medicinal plants for smallholders
7. Forestry Seed Technology Center	Germplasm, plant propagation, training
8. ICRAF/Winrock Domestication Program	Germplasm, smallholder tree farming systems, training, information production and distribution
9. Indonesian National APAN Secretariat	Networking, training, information transfer
10. Perum Perhutani	Management of forest industries
11. PT. Monfori Nusantara	Multiplication of superior tree species
12. Research & Development Center for Biotechnology	Biotechnology, tissue culture, related advance technology
13. Research & Development Center for Forest & Nature Conservation	Broad base of activities; covers most of the domestication continuum
14. Research Institute Spice & Medicinal Crops	Research of medicinal plants

Country/Organization	Specific strengths of institutions
The Philippines	
1. Bukidnon Forests Incorporated-BFI	Closed - source of information
2. College Economics & Management	Economic analysis of agroforestry and natural resources; marketing
3. Department of Agronomy, UPLB	Germplasm, training and information production/distribution
4. Dept. of Biology, CMU	Exploration, collection & propagation of forest species
5. Dept. of Forestry, CMU	Broad capacity in forestry & natural resources
6. Ecosystem Research & Dev. Bureau- ERDB	Broad mandate in natural resources management, research and extension; covers most of the domestication continuum
7. FORTIP Project	Closed - source of information
8. ICRAF Claveria Research Site	Smallholder participation methods, timber farming, propagation
9. ICRAF Lantapan	Smallholder participation methods, timber farming, propagation and smallholder germplasm management
10. Institute of Agroforestry IAF, UPLB	Agroforestry education, research, extension and training; active in most of the domestication continuum
11. International Institute of Rural Recons.- IIRR	Training, information, propagation and nursery management; formerly germplasm
12. Kitanglad Integrated NGOs	Buffer-zone management
13. Misamis Orien State College of Agric.MOSCAT	Education, extension and development; propagation & management of fruit species
14. Nat. Plant Gen. Resources Centre PGR Lab	Exploration, collection of fruit and nut species; germplasm and propagation
15. PCARRD - Forestry and Environment Division	Indigenous knowledge; formulate and monitor policies, plans, strategies, projects and programs

Country/Organization	Specific strengths of institutions
Thailand	
1. Faculty of Forestry, Kasetsart University	Education, research, extension, information & training; exploration, evaluation, propagation, germplasm, & silviculture
2. Forest Gen. Reso. Con. & Mgt. - FORGENMAP	Conservation and forest productivity through genetic resource management; germplasm
3. Forestry Nursery Division RFD	Exploration, propagation, germplasm, reforestation
4. Highland Econ. Social Dev. Prom. Office- HESD	Reforestation and horticultural crops for upland dwellers
5. ICRAF-Mae Chaem Watershed Research Site	Agroforestry policy issues; identifying socially & environmentally appropriate watershed management methods
6. Multi-cropping Centre CMU	Upland agriculture systems; strong interest in developing fruit/timber smallholder systems
7. Silviculture Research Division, FRD	Exploration, propagation, germplasm, silviculture, agroforestry systems for smallholders
8. Soil Science Department, Khon Kaen University	Education & research; soil fertility management; evolving interest in fruit/timber tree smallholder systems

Country/Organization	Specific strengths of institutions
Vietnam	
1. Central Forest Seed Company	Seed production, collection and distribution; training
2. College of Agriculture and Forestry, Nat. University Ho Chi Minh City	Education, research & extension; smallholder agroforestry systems; rehabilitation of degraded lands
3. Department of Botany and Ecology, Nat. University HCM	Exploration, collection and classification of forest plants
4. Forest Inventory & Planning Institute	Forest assessment, monitoring & planning
5. Forest Research Center	Propagation, production & management of pulp trees; vegetative propagation of superior trees
6. Forest Science Sub Institute of South Vietnam	Broad forestry research mandate; covers all aspects of the tree domestication continuum
7. Forest Seed & Planting Materials Enterprise	Seed production, collection and distribution; tree improvement
8. Institute of Agricultural Science of South Vietnam	Research in crop and livestock agriculture; interested in fruit tree agroforestry systems for smallholders
9. Research Center for Forest Tree Improvement	All aspects of tree improvement
10. Research Centre for Forest Ecology & Environment	Indigenous knowledge documentation
11. Vietnam Agricultural Science Institute	Education, extension & training; mainly food crops focus; starting to focus on tree crops for smallholders
12. Xuan Mai Forestry University	Education, research and training; silviculture; forest business management; social forestry