APPENDICES

Appendix A. List of Pteridophyte species collected in all sampling areas by qualitative survey.[1]

FAMILY	SPECIES	DOF	BB/DF	EGF	RR
Lycopodiaceae	*Lycopodium cernuun* L.	0	0	1	0
Selaginellaceae	*Selaginella helferii* Warb.	0	0	1	1
	Selaginella involvens (Sw.) Spring	0	0	1	0
	Selaginella minutifolia Spring	0	0	1	1
	Selaginella ostenfeldii Hieron.	1	0	0	0
	Selaginella repanda (Desv.) Spring	1	1	0	0
	Selaginella roxburghii (Hk. & Grev.) Spring	0	1	1	0
Equisetaceae	*Equisetum debile* Roxb. ex Vauch.	0	0	0	1
Marattiaceae	*Angiopteris evecta* (Forst.) Hoffm.	0	0	0	1
Gleicheniaceae	*Dicranopteris linearis* (Burm. f.) Underw. var. *linearis*	0	0	1	0
	Dicranopteris splendida (Hand.-Mazz.) Tag.	0	0	1	0
Schizaeaceae	*Lygodium flexuosum* (L.) Sw.	1	1	1	0
Dicksonoaceae	*Cibotium barometz* (L.) J. Smith	0	0	1	0
Dennstaedtiaceae	*Microlepia speluncae* (L.) Moore	0	1	1	0
	Pteridium aquilinum (L.) Kuhn ssp. *aquilinum* var. *wightianum* (Ag.) Tryon	0	0	1	0
Lindsaeaceae	*Lindsea ensifolia* Sw. ssp. *ensifolia*	0	0	1	0
	Sphenomeris chinensis (L.) Maxon var. *chinensis*	0	0	1	0
Davalliaceae	*Davallia trichomanoides* Bl. var. *lorrainii* (Hance) Holtt.	0	0	1	0
	Leucostegia immersa (Wall. ex Hk.) Presl	0	0	1	1
Oleandraceae	*Nephrolepis delicatula* (Dene.) Pichi-Ser.	0	0	1	1
	Oleandra undulata (Willd.) Ching	0	0	1	0
Parkeriaceae	*Adiantum philippense* L.	1	1	1	0
	Adiantum zollingeri Mett. ex Kuhn	1	1	1	0
	Cheilanthes belangeri (Bory) C. Chr.	0	0	1	0
	Cheilanthes formosana (Forssk.) Kaulf.	0	0	0	1
	Cheilanthes tenuifolia (Burm. f.) Sw.	1	0	0	0

[1] 1 = present
0 = absent

Appendix A. Continued.

FAMILY	SPECIES	DOF	BB/DF	EGF	RR
Pteridaceae	*Pteris biaurita* L.	0	0	1	0
	Pteris decresecens Christ	0	0	1	0
	Pteris heteromorpha Fee	0	0	1	0
	Pteris venusta Kunze	0	1	1	0
Aspleniaceae	*Asplenium excisum* Presl	0	0	0	1
	Asplenium nidus L. var. *nidus*	0	0	0	1
	Asplenium obscurum Bl.	0	0	0	1
Blechnaceae	*Blechnum orientale* L.	0	0	1	0
	Brainea insignis (Hk.) J. Smith	0	0	1	0
Lomariopsidaceae	*Bolbitis sinensis* (Bak.) K. Iwats.	0	0	0	1
	Bolbitis virens (Wall. ex Hk. & Grev.) Schott var. *virens*	0	0	1	0
Dryopteridaceae	*Arachinoides henryi* (Christ) Ching	0	0	1	0
	Dryopteris cochleata (D. Don) C. Chr.	0	1	0	0
	Dryopteris porosa Ching	0	0	1	0
	Pleocnemia irregularis (Presl) Holtt.	0	0	0	1
Thelypteridaceae	*Thelypteris ciliata* (Wall. ex Benth.) Ching	0	0	0	1
	Thelypteris falciloba (Hk.) Ching	0	0	0	1
	Thelypreis interrupta (Willd.) K. Iwats.	0	0	1	0
	Thelypteris hirtisora (C. Chr.) K. Iwats.	0	0	1	0
	Thelypteris nudata (Roxb.) Morton	0	0	0	1
	Thelypteris parasitica (L.) Fosb.	0	0	1	0
	Thelypteris siamensis Tag. & K. Iwats.	0	0	1	0
	Thelypteris subelata (Bak.) K. Iwats.	0	1	1	0
	Thelypteris truncata (Poir.) K. Iwats.	0	0	0	1

[1] 1 = present
0 = absent

Appendix A. Continued.

FAMILY	SPECIES	DOF	BB/DF	EGF	RR
Athyriaceae	*Anisocampium cumingianum* Presl	0	1	0	0
	Diplazium esculentum (Retz.) Sw.	0	0	0	1
Polypodiaceae	*Aglaomorpha coronans* (Wall. ex Mett.) Copel.	0	0	1	1
	Colysis pothifolia (D. Don) Presl	0	0	0	1
	Drynaria bonii Christ	0	0	0	1
	Drynaria rigidula (Sw.) Bedd.	1	1	0	0
	Lepisorus scolopendrium (Ham. ex D. Don) Tag.	0	0	1	0
	Leptochilus decurrens Bl.	0	0	0	1
	Microsorum membranaceum (D. Don) Ching	0	0	0	1
	Pyrrossia adnascens (Sw.) Ching	1	1	1	0
	Platycerium wallichii Hk.	1	0	0	0

[1] 1 = present
0 = absent

Appedix B. Pteridophyte families with their corresponding number of species in all sites by qualitative survey.

Family	Number of Species in Each Site			
	DOF	BB/DF	EGF	RR
Lycopodiaceae *	0	0	1	0
Selaginellaceae *	0	2	4	2
Equisetaceae *, [1]	0	0	0	1
Marattiaceae	1	0	0	0
Gleicheniaceae	0	0	2	0
Schizaeaceae	1	1	1	0
Dicksoniaceae	0	0	1	1
Dennstaedtiaceae	0	1	2	1
Lidsaeaceae	0	0	2	0
Davalliaceae	0	0	2	1
Oleandraceae	3	0	2	1
Parkeriaceae	4	1	3	1
Pteridaceae	1	1	3	1
Aspleniaceae	0	0	0	3
Blechnaceae	0	0	2	0
Lomariopsidaceae	0	0	2	1
Dryopteridaceae	0	1	2	1
Thelypteridaceae	0	1	5	5
Athyriaceae	1	1	1	1
Polypodiaceae	0	1	2	4
Total Number of Species	**11**	**10**	**36**	**24**
Total Number of Families	**6**	**9**	**17**	**14**

* fern ally

[1] found only along the lower part of Mae Lai stream

Appendix C. Mean percent cover of Pteridophyte species in the different subsites of the the four sampling areas.[1]

FAMILY	SPECIES	DOF			BB/DF			EGF			RR		
		X	M	L	X	M	L	X	M	L	BDF	VL	WF
Selaginellaceae	*Selaginella helferii* Warb.	0	0	0	0	0	0	30	4	5.7	0	0	0.1
	Selaginella involvens (Sw.) Spring	0	0	0	0	0	0	2	0.5	0	0	0	0
	Selaginella minutifolia Spring	0	0	0	0	0	0	0	0.3	0	0	0.05	4.2
	Selaginella ostenfeldii Hieron.	0.1	0	3	0	0	0	0	0	0	0	0	0
	Selaginella repanda (Desv.) Spring	1	7	6.05	7	1	7	0	0	0	0	0	0
Equisetaceae	*Equisetum debile* Roxb. ex Vauch.	0	0	0	0	0	0	0	0	0	2	0	0
Gleicheniaceae	*Dicranopteris linearis* (Burm. f.) Underw. var. *linearis*	0	0	0	0	0	0	9.5	0	0	0	0	0
	Dicranopteris splendida (Hand.-Mazz.) Tag.	0	0	0	0	0	0	3.5	0	0	0	0	0
Schizaeaceae	*Lygodium flexuosum* (L.) Sw.	0.5	0	3.3	5	4.5	4	1.7	2	0	0	0	0
Dicksonoaceae	*Cibotium barometz* (L.) J. Smith	0	0	0	0	0	0	4	0	0	0	0	0
Dennstaedtiaceae	*Microlepia speluncae* (L.) Moore	0	0	0	0	0.03	0	3	0.2	0	0	0	0
	Pteridium aquilinum (L.) Kuhn ssp. *aquilinum* var. *wightianum* (Ag.) Tryon	0	0	0	0	0	0	5.8	3	0	0	0	0
Lindsaeaceae	*Lindsea ensifolia* Sw. ssp. *ensifolia*	0	0	0	0	0	0	0	1.3	0	0	0	0
	Sphenomeris chinensis (L.) Maxon var. *chinensis*	0	0	0	0	0	0	0.1	0	0	0	0	0
Davalliaceae	*Davallia trichomanoides* Bl. var. *lorrainii* (Hance) Holtt.	0	0	0	0	0	0	4	0	0	0	0	0
	Leucostegia immersa (Wall. ex Hk.) Presl	0	0	0	0	0	0	0	0	0	0	0	1
Oleandraceae	*Nephrolepis delicatula* (Dcne.) Pichi-Ser.	0	0	0	0	0	0	1	0	0	0	0	4
	Oleandra undulata (Willd.) Ching	0	0	0	0	0	0	1.5	0	0	0	0	0
Parkeriaceae	*Adiantum philippense* L.	0.1	0.1	1.5	5.5	0.1	3.5	0	0	0	0	0	0
	Adiantum zollingeri Mett. ex Kuhn	0	15	3	0	0	0	0	0.5	0	0	0	0
	Cheilanthes belangeri (Bory) C. Chr.	0	0	0	0	0	0	0	0.5	0	0	0	0
	Cheilanthes formosana (Forssk.) Kaulf.	0	0	0	0	0	0	0	0	0	0	0	0.5
	Cheilanthes tenuifolia (Burm. f.) Sw.	0	1.05	2.7	0	0	0	0	0	0	0	0	0
Pteridaceae	*Pteris biaurita* L.	0	0	0	0	0	0	0	1.5	0	0	0.3	1.5
	Pteris decresecens Christ	0	0	0	0	0	0	0	3.5	0	0	0	0
	Pteris heteromorpha Fee	0	0	0	0	0	0	0	6.4	0	0	0	0

Appendix C. Continued.

FAMILY	SPECIES	DOF			BB/DF			EGF			RR		
		X	M	L	X	M	L	X	M	L	BDF	VL	WF
Aspleniaceae	*Asplenium excisum* Presl	0	0	0	0	0	0	0	0	0	0	0	0.8
	Asplenium nidus L. var. *nidus*	0	0	0	0	0	0	0	0	0	0	0	1
	Asplenium obscurum Bl.	0	0	0	0	0	0	0	0	0	0	0	0.1
Blechnaceae	*Blechnum orientale* L.	0	0	0	0	0	0	9	0	0	0	0	0
	Brainea insignis (Hk.) J. Smith	0	0	0	0	0	0	0	0	4	0	0	0
Lomariopsidaceae	*Bolbitis sinensis* (Bak.) K. Iwats.	0	0	0	0	0	0	0.6	0	0	0	0	2.3
	Bolbitis virens (Wall. ex Hk. & Grev.) Schott var. *virens*	0	0	0	0	0	0	0	0	0.5	0	0	0
	Pleocnemia irregularis (Presl) Holtt.	0	0	0	0	0	0	0	0	0	0	0	0.2
Dryopteridaceae	*Dryopteris cochleata* (D. Don) C. Chr.	0	0	0	0	7.5	6.6	0	0	0	0	0	0
	Dryopteris porosa Ching	0	0	0	0	0	0	1.4	0	0	0	0	0
Thelypteridaceae	*Thelypteris ciliata* (Wall. ex Benth.) Ching	0	0	0	0	0	0	0	0	0	0	0	1.3
	Thelypteris nudata (Roxb.) Morton	0	0	0	0	0	0	0	0	0	1	0	0
	Thelypteris subelata (Bak.) K. Iwats.	0	0	0	0	4.1	0	0.5	0.2	0	0	0	0
	Thelypteris truncata (Poir.) K. Iwats.	0	0	0	0	0	0	0	0	0	0	0	0.2
Athyriaceae	*Anisocampium cumingianum* Presl	0	0	0	1.5	0	0	0	0.5	0	0	0	0
	Diplazium esculentum (Retz.) Sw.	0	0	0	0	0	0	0	0	0	4	8.1	2
Polypodiaceae	*Aglaomorpha coronans* (Wall. ex Mett.) Copel.	0	0	0	0	0	0	1	0	0	0	0	0
	Colysis pothifolia (D. Don) Presl	0	0	0	0	0	0	0	0	0	0	0	2
	Drynaria bonii Christ	0	0	0	0	0	0	0	0	0	0	0	0.1
	Leptochilus decurrens Bl.	0	0	0	0	0	0	0	0	0	0	0	1.65
	Microsorum membranaceum (D. Don) Ching	0	0	0	0	0	0	0	0	0	0	0	0.7

[1/] average of 10 quadrats

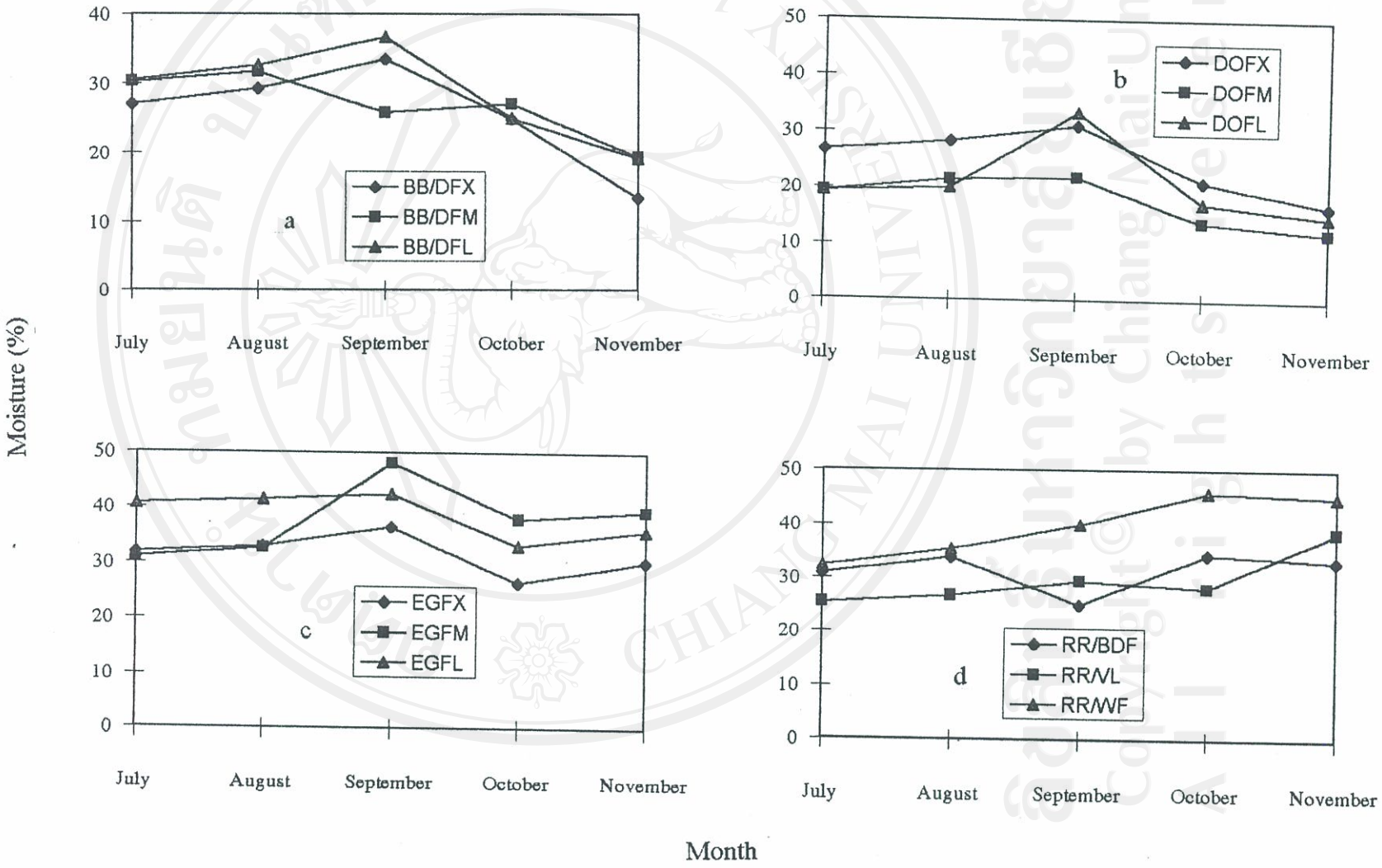
Appendix D. Pteridophyte families with their corresponding number of species in all sites by quantitative survey.

Family	Number of Species in Each Site			
	DOF	BB/DF	EGF	RR
Selaginellaceae *	2	1	3	2
Equisetaceae *,[1]	0	0	0	1
Gleicheniaceae	0	0	2	0
Schizaeaceae	1	1	1	0
Dicksoniaceae	0	0	1	0
Dennstaedtiaceae	0	1	2	0
Lidsaeaceae	0	1	1	0
Davalliaceae	0	0	1	1
Oleandraceae	0	0	2	1
Parkeriaceae	3	1	2	1
Pteridaceae	0	0	3	1
Aspleniaceae	0	0	0	3
Blechnaceae	0	0	2	0
Lomariopsidaceae	0	0	2	1
Dryopteridaceae	0	1	1	1
Thelypteridaceae	0	1	2	3
Athyriaceae	0	1	1	1
Polypodiaceae	0	0	1	4
Total Number of Species	**6**	**8**	**27**	**20**
Total Number of Families	**3**	**8**	**16**	**12**

* fern ally

[1] found only along the lower part of Mae Lai stream

Appendix Ea-d. Mean monthly soil moisture content at 4 habitats in Mae Kampong Village.



INDEX OF DESCRIPTIONS

CURRICULUM VITAE

I. PERSONAL DATA

Name:	Lita Minguito Bañoc
Date of Birth:	2 January 1969
Place of Birth:	Maslug, Baybay, Leyte, Philippines
Age:	28
Sex:	Female
Citizenship:	Filipino
Civil Status:	Single
Home address:	Maslug, Baybay, Leyte, 6521 Philippines

II. EDUCATIONAL ATTAINMENT

1987-1991:	Bachelor of Science in Agriculture Major in Plant Protection, specializing Weed Science Visayas State College of Agriculture (ViSCA), Baybay, Leyte, Philippines
1995-1997:	Master of Science in Environmental Risk Assessment for Tropical Ecosystems Chiang Mai University, Chiang Mai, Thailand

III. WORK EXPERIENCE

		AGENCY
1991-1993:	Science Research Assistant	ViSCA-GTZ
1993-1994:	Substitute Instructor	ViSCA
1994-1995:	Agricultural Technologist	Dep't. of Agriculture