

## **Appendices**

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## Appendix A

## Date for trapping in mixed evergreen forest

Number	Date for ethanol traps	Date for mixed solution traps
1	August 16-20, 2004	
2	September 6-10, 2004	
3	September 27 - October 1 , 2004	
4	October 18-22, 2004	
5	November 8-12, 2004	
6	November 29 - December 3, 2004	
7	December 20-24, 2004	Start-- December 20 - January 10, 2005
8	January 10-14, 2005	January 10-31, 2005
9	January 31 - February 4, 2005	January 31 - February 22, 2005
10	February 21-25, 2005	February 21 - March 14, 2005
11	March 14-18, 2005	March 14 - April 4, 2005
12	April 4-8, 2005	April 4-25, 2005
13	April 25-29, 2005	April 25 - May 16, 2005
14	May 16-20, 2005	May 16 - June 6, 2005
15	June 6-10, 2005	June 6-27, 2005
16	June 27 - July 1, 2005	June 27 - July 18, 2005
17	July 18-25, 2005	July 18 - August 8, 2005
18	August 8-11, 2005	August 8-29, 2005
19	August 29 - September 2, 2005	August 29 - September 19,2005
20	September 19-23, 2005	September 19 - October 10, 2005



(continued)

Species	1		2		3		4		5	
	E	F	E	F	E	F	E	F	E	F
<i>Euwallacea fornicatus</i>										2
<i>Gnatharus tibetensis</i>							6		12	
<i>Hypothenemus eruditus</i>										
<i>Hypothenemus</i> sp.2										
<i>Ozopemon</i> sp.										
<i>Polygraphus major</i>										
<i>Scolytoplatus minimus</i>										
<i>Scolytoplatus pubescens</i>									1	
<i>Sueus niisimai</i>		2								
<i>Xyleborinus andrewesi</i>								1		
<i>Xyleborinus exiguus</i>										
<i>Xyleborus</i> sp.- <i>emarginatus</i> gr.										
<i>Xyleborinus</i> sp.			2		3				5	
<i>Xyleborinus spinipennis</i>							1			
<i>Xyleborinus subgranulatus</i>									2	
<i>Xyleborus hirtus</i>	5	7	1					4		
<i>Xyleborus perforans</i>										
<i>Xyleborus similis</i>	2									
<i>Xyleborus</i> sp.										
<i>Xylosandrus</i> aff. <i>compactus</i>								1		
<i>Xylosandrus crassiusculus</i>			2						3	4
<i>Xylosandrus discolor</i>										

Species	6		7				8				9				10			
	E	F	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG
<i>Acanthotomicus</i> sp.																		
<i>Ambrosiodmus</i> sp.1																		
<i>Ambrosiodmus</i> sp.2																		
<i>Ambrosiodmus</i> sp.3																		
<i>Arixyleborus malayensis</i>																		
<i>Arixyleborus</i> aff. <i>morio</i>								1										
<i>Coccotrypes advena</i>																		
<i>Coccotrypes longior</i>																		
<i>Coccotrypes papuanus</i>																		
<i>Coccotrypes</i> sp.1															1			
<i>Coptodryas alpha</i>																		
<i>Coptodryas elegans</i>																		
<i>Coptodryas fragosus</i>																		
<i>Coptodryas</i> sp.1																1		1
<i>Coptodryas</i> sp.2																		
<i>Coptodryas</i> sp.3																		
<i>Cryphalus kesiyae</i>																		
<i>Cryphalus</i> sp.1																6		
<i>Cryphalus</i> sp.2								2		1								
<i>Cyclorhipidion</i> aff. <i>punctatopilosus</i>		2																
<i>Cyclorhipidion</i> sp.1																		
<i>Cyclorhipidion</i> sp.2		2																
<i>Cyclorhipidion</i> sp.3																		
<i>Cyclorhipidion</i> sp.4																2		
<i>Cyclorhipidion</i> sp.5																		
<i>Cyclorhipidion</i> sp.6				1														
<i>Cyclorhipidion</i> sp.7		1			1													
<i>Cyclorhipidion</i> sp.8		1																
<i>Cyclorhipidion</i> sp.9									1									
<i>Cyclorhipidion</i> sp.10															1			
<i>Cyrtogenius</i> sp.																		
<i>Dryocoetops coffeae</i>																		
<i>Euwallacea destruens</i>																		
<i>Euwallacea fornicatus</i>										1						2		
<i>Gnatharus tibetensis</i>			7	35		2		22				1				2		

(continued)

Species	6		7				8				9				10				
	E	F	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	
<i>Hypothenemus eruditus</i>																			1
<i>Hypothenemus</i> sp.2																			
<i>Ozopemon</i> sp.																			
<i>Polygraphus major</i>																			
<i>Scolytoplatypus minimus</i>				10				20											
<i>Scolytoplatypus pubescens</i>	1		8	7	2		2		3		1				2	2			
<i>Sueus niisimai</i>																		5	
<i>Xyleborinus andrewesi</i>																			
<i>Xyleborinus exiguus</i>																			
<i>Xyleborus</i> sp.- <i>emarginatus</i> gr.																			
<i>Xyleborinus</i> sp.								9		3									
<i>Xyleborinus spinipennis</i>																			
<i>Xyleborinus subgranulatus</i>																1			
<i>Xyleborus hirtus</i>																			
<i>Xyleborus perforans</i>																			
<i>Xyleborus similis</i>																			
<i>Xyleborus</i> sp.																1			
<i>Xylosandrus</i> aff. <i>compactus</i>				2								1							
<i>Xylosandrus crassiusculus</i>				1				3			2		4						
<i>Xylosandrus discolor</i>																			

Species	11				12				13				14				15			
	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG
<i>Acanthotomicus</i> sp.																				
<i>Ambrosiodmus</i> sp.1							1							1						
<i>Ambrosiodmus</i> sp.2																				
<i>Ambrosiodmus</i> sp.3												4								
<i>Arixyleborus malayensis</i>	1																			
<i>Arixyleborus</i> aff. <i>morio</i>																				
<i>Coccotrypes advena</i>													1							
<i>Coccotrypes longior</i>										1										
<i>Coccotrypes papuanus</i>															2					
<i>Coccotrypes</i> sp.1													2		1					
<i>Coptodryas alpha</i>																				
<i>Coptodryas elegans</i>																				
<i>Coptodryas fragosus</i>														1						
<i>Coptodryas</i> sp.1										1			1	1					1	
<i>Coptodryas</i> sp.2											1								1	
<i>Coptodryas</i> sp.3																				
<i>Cryphalus kesiyae</i>																				
<i>Cryphalus</i> sp.1																				
<i>Cryphalus</i> sp.2																				
<i>Cyclorhipidion</i> aff. <i>punctatopilosus</i>											1								1	
<i>Cyclorhipidion</i> sp.1																				
<i>Cyclorhipidion</i> sp.2																				
<i>Cyclorhipidion</i> sp.3	1																			
<i>Cyclorhipidion</i> sp.4																				
<i>Cyclorhipidion</i> sp.5																				
<i>Cyclorhipidion</i> sp.6																				
<i>Cyclorhipidion</i> sp.7																				
<i>Cyclorhipidion</i> sp.8																				
<i>Cyclorhipidion</i> sp.9																				
<i>Cyclorhipidion</i> sp.10		2													4					
<i>Cyrtogenius</i> sp.																				
<i>Dryocoetops coffeae</i>																				
<i>Euwallacea destruens</i>																			1	
<i>Euwallacea fornicatus</i>																				
<i>Gnatharus tibetensis</i>		1	1	1	2	1							1							

(continued)

Species	11				12				13				14				15			
	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG
<i>Hypothenemus eruditus</i>																				
<i>Hypothenemus</i> sp.2																				
<i>Ozopemon</i> sp.																		1		
<i>Polygraphus major</i>																				
<i>Scolytoplatypus minimus</i>		1							1					1				1		
<i>Scolytoplatypus pubescens</i>																				
<i>Sueus niisimai</i>																				
<i>Xyleborinus andrewesi</i>						1														
<i>Xyleborinus exiguus</i>										1										
<i>Xyleborus</i> sp.- <i>emarginatus</i> gr.																				
<i>Xyleborinus</i> sp.		1																		
<i>Xyleborinus spinipennis</i>																				
<i>Xyleborinus subgranulatus</i>	2	4	6	1						1					7					
<i>Xyleborus hirtus</i>		1											2	18	16	15		38	5	12
<i>Xyleborus perforans</i>																				
<i>Xyleborus similis</i>																				
<i>Xyleborus</i> sp.																				
<i>Xylosandrus</i> aff. <i>compactus</i>								1												
<i>Xylosandrus crassiusculus</i>		1		1							4	1	2		1					
<i>Xylosandrus discolor</i>																				





(continued)

Species	16				17				18				19				20				
	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	
<i>Hypothenemus eruditus</i>														1							
<i>Hypothenemus</i> sp.2																			1		
<i>Ozopemon</i> sp.																					
<i>Polygraphus major</i>						3															
<i>Scolytoplatypus minimus</i>						1															
<i>Scolytoplatypus pubescens</i>																					
<i>Sueus niisimai</i>																					
<i>Xyleborinus andrewesi</i>																					
<i>Xyleborinus exiguus</i>																					
<i>Xyleborus</i> sp.- <i>emarginatus</i> gr.	1		1												1						
<i>Xyleborinus</i> sp.		1																			
<i>Xyleborinus spinipennis</i>																					
<i>Xyleborinus subgranulatus</i>																					
<i>Xyleborus hirtus</i>	2		4	2			1		1	2					1						
<i>Xyleborus perforans</i>	1																				
<i>Xyleborus similis</i>																					
<i>Xyleborus</i> sp.																					
<i>Xylosandrus</i> aff. <i>compactus</i>	1														1						
<i>Xylosandrus crassiusculus</i>														2							
<i>Xylosandrus discolor</i>														2							

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Total individuals : 576 (19 genera 55 species)

Platypodidae collected by E(Ethanol) EG( Ethanol+Ethylene glycol) F(FIT) FG(FIT+Ethylene glycol) in mixed evergreen forest (1 to 20 = dates of collecting see Appendix A)

Species	1		2		3		4		5	
	E	F	E	F	E	F	E	F	E	F
<i>Baiocis orientalis</i>										
<i>Crossotarsus externedentatus</i>									3	
<i>Diapus ? murudensus</i>										
<i>Diapus aculeatus</i>										
<i>Diapus quinquespinatus</i>	2		1		6		2		3	
<i>Diapus sp.n.2</i>										
<i>Diapus sp.n.1</i>										
<i>Dinoplatypus brevis</i>										
<i>Dinoplatypus sp.1</i>							1		1	
<i>Dinoplatypus sp.2</i>							1			
<i>Euplatypus parallelus</i>			2							
<i>Platypus aff. pasaniae</i>	2		2							
<i>Platypus insulindicus</i>										
<i>Platypus quercivorus</i>					13	8	46		1	
<i>Platypus pseudospinulosi</i>									5	
<i>Platypus sp.1</i>	1		1		10		1		1	
<i>Platypus vetulus</i>							10	10		
<i>Treptoplatypus solidus</i>	13		2		10		4		4	
<i>Treptoplatypus sp.</i>	1				7		26			

Species	6		7				8				9				10			
	E	F	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG
<i>Baiocis orientalis</i>			1							1								
<i>Crossotarsus externedentatus</i>																		
<i>Diapus ? murudensus</i>																		
<i>Diapus aculeatus</i>																		
<i>Diapus quinquispinatus</i>				1														
<i>Diapus sp.n.2</i>																		
<i>Diapus sp.n.1</i>																		
<i>Dinoplatypus brevis</i>															1			
<i>Dinoplatypus sp.1</i>																		
<i>Dinoplatypus sp.2</i>																		
<i>Euplatypus parallelus</i>			2															
<i>Platypus aff. pasaniae</i>																		
<i>Platypus insulindicus</i>							1			1								
<i>Platypus quercivorus</i>	1										2							
<i>Platypus pseudospinulosi</i>				1														
<i>Platypus sp.1</i>			1	1				1			2		1		2			
<i>Platypus vetulus</i>																		
<i>Treptoplatypus solidus</i>	2		3	3				2										
<i>Treptoplatypus sp.</i>														1				

Species	11				12				13				14				15			
	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG
<i>Baiocis orientalis</i>									1		1									
<i>Crossotarsus externedentatus</i>																				
<i>Diapus ? murudensis</i>										1										
<i>Diapus aculeatus</i>	1		1											2					7	
<i>Diapus quinquespinatus</i>	1				3				3					2	4	26			4	
<i>Diapus</i> sp.n.2																			1	
<i>Diapus</i> sp.n.1																			5	
<i>Dinoplatypus brevis</i>																				
<i>Dinoplatypus</i> sp.1	1																			
<i>Dinoplatypus</i> sp.2																				
<i>Euplatypus parallelus</i>																				
<i>Platypus</i> aff. <i>pasaniae</i>	2																			
<i>Platypus insulindicus</i>																				
<i>Platypus quercivorus</i>	1					1									1					
<i>Platypus pseudospinosi</i>					2	3														
<i>Platypus</i> sp.1	4	1							1	3				3	2					
<i>Platypus vetulus</i>						1					1			3	1	4				
<i>Treptoplatypus solidus</i>	6	1			1									2	7	7			1	
<i>Treptoplatypus</i> sp.					1	1			2	4					1	1				

Species	16				17				18				19				20			
	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG
<i>Baiocis orientalis</i>																				
<i>Crossotarsus externedentatus</i>																				
<i>Diapus ?murudensis</i>																				
<i>Diapus aculeatus</i>	4				3								1							
<i>Diapus quinquespinatus</i>	2				2					1				2		1				
<i>Diapus</i> sp.n.2																				
<i>Diapus</i> sp.n.1	34							1		1						1				
<i>Dinoplatypus brevis</i>																				
<i>Dinoplatypus</i> sp.1																				
<i>Dinoplatypus</i> sp.2																				
<i>Euplatypus parallelus</i>							2													
<i>Platypus</i> aff. <i>pasaniae</i>																				
<i>Platypus insulindicus</i>																				
<i>Platypus quercivorus</i>																				
<i>Platypus pseudospinulosi</i>	1																			
<i>Platypus</i> sp.1	13				5					3				1						2
<i>Platypus vetulus</i>																				
<i>Treptoplatypus solidus</i>	2	3			1					2				2						
<i>Treptoplatypus</i> sp.					5					4			1			1				

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Total individuals: 467 (7 genera 19 species)

## Appendix C

## Date for trapping in deciduous dipterocarp forest

Number	Date for ethanol traps	Date for mixed solution traps
1	January 10-14, 2005	January 10-31, 2005
2	January 31 - February 4, 2005	January 31 - February 22, 2005
3	February 21-25, 2005	February 21 - March 14, 2005
4	March 14-18, 2005	March 14 - April 4, 2005
5	April 4-8, 2005	April 4-25, 2005
6	April 25-29, 2005	April 25 - May 16, 2005
7	May 16-20, 2005	May 16 - June 6, 2005
8	June 6-10, 2005	June 6-27, 2005
9	June 27 - July 1, 2005	June 27 - July 18, 2005
10	July 18-25, 2005	July 18 - August 8, 2005
11	August 8-11, 2005	August 8-29, 2005
12	August 29 - September 2, 2005	August 29 - September 19, 2005
13	September 19-23, 2005	September 19 - October 10, 2005
14	October 10-14, 2005	October 10-31, 2005
15	October 31 - November 4, 2005	October 31 - November 21, 2005
16	November 21-25, 2005	November 21 - December 13, 2005
17	December 13-16, 2005	December 13 - January 5, 2006

## Appendix D

Scolytidae collected by E(Ethanol) EG(Ethanol+Ethylene glycol) F(FIT) FG(FIT+Ethylene glycol) in Deciduous dipterocarp forest (1 to 17 = dates of collecting see Appendix C)

Species	1				2				3				4				5				
	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	
<i>Arixyleborus</i> sp. aff. <i>scabripennis</i>												1									
<i>Coccotrypes</i> <i>?cinnamomi</i>																					
<i>Coccotrypes</i> <i>carphophagus</i>												3									
<i>Coccotrypes longior</i>																					
<i>Coccotrypes papuanus</i>																					
<i>Coccotrypes</i> sp.1									1												
<i>Coptodryas</i> aff. <i>perparlus</i>																					
<i>Coptodryas fragosus</i>																					
<i>Coptodryas</i> sp.1																					
<i>Cryphalus</i> sp.1									1												
<i>Cryphalus</i> sp.2					2					6											
<i>Cyclorhipidion</i> aff. <i>punctatopilosus</i>																					
<i>Cyclorhipidion</i> sp.4																					
<i>Cyclorhipidion</i> sp.5	2																				
<i>Cyclorhipidion</i> sp.10	1																				
<i>Cyrtogenius</i> sp.																					
<i>Eccoptoperus spinosus</i>										3			1								
<i>Gnatharus tibetensis</i>			3	2			1														
<i>Hypothenemus areccae</i>										4				8							
<i>Hypothenemus aulmanni</i>													1	1							
<i>Hypothenemus birmanus</i>			1		1							1									
<i>Hypothenemus eruditus</i>									1	7		1		2					2		
<i>Hypothenemus</i> <i>glabripennis</i>														1							
<i>Hypothenemus seriatus</i>											1										
<i>Hypothenemus</i> sp.1						29		1				1								1	2
<i>Scolytoplatypus minimus</i>																					
<i>Scolytoplatypus</i> <i>pubescens</i>				1			1														
<i>Webbia cornutus</i>										1			1	2							
<i>Xyleborinus andrewesi</i>										2		2	1			1			1		
<i>Xyleborinus exiguus</i>	2										1			1							





(continued)

Species	6				7				8				9				10				
	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	
<i>Hypothenemus birmanus</i>																			1		
<i>Hypothenemus eruditus</i>					1	1								1							
<i>Hypothenemus glabripennis</i>																					
<i>Hypothenemus seriatus</i>						1			1												
<i>Hypothenemus</i> sp.1																					
<i>Scolytoplastypus minimus</i>						4	1						1								
<i>Scolytoplastypus pubescens</i>																					
<i>Webbia cornutus</i>						1	1		2												
<i>Xyleborinus andrewesi</i>																					
<i>Xyleborinus exiguus</i>																					
<i>Xyleborinus</i> sp.																					
<i>Xyleborus affinis</i>													6								1
<i>Xyleborus hirtus</i>									5								1				
<i>Xyleborus perforans</i>																			1		
<i>Xyleborus similis</i>																					
<i>Xylosandrus</i> aff. <i>compactus</i>																					
<i>Xylosandrus crassiusculus</i>					1				3					1							
<i>Xylosandrus discolor</i>																					

Species	11				12				13				14				15			
	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG
<i>Arixyleborus</i> sp. aff. <i>scabripennis</i>																				
<i>Coccotrypes ? cinnamomi</i>																				
<i>Coccotrypes</i> <i>carphophagus</i>			2										3							
<i>Coccotrypes longior</i>																			2	
<i>Coccotrypes papuanus</i>											4			10						
<i>Coccotrypes</i> sp.1																			1	
<i>Coptodryas</i> aff. <i>perparlus</i>													1							
<i>Coptodryas fragosus</i>																				
<i>Coptodryas</i> sp.1		6			5					7		1			2				1	
<i>Cryphalus</i> sp.1																				
<i>Cryphalus</i> sp.2																				
<i>Cyclorhipidion</i> aff. <i>punctatopilosus</i>																				
<i>Cyclorhipidion</i> sp.4																				
<i>Cyclorhipidion</i> sp.5																				
<i>Cyclorhipidion</i> sp.10																				
<i>Cyrtogenius</i> sp.																				
<i>Eccoctoperus spinosus</i>																				
<i>Gnatharus tibetensis</i>																				
<i>Hypothenemus areccae</i>																				
<i>Hypothenemus aulmanni</i>																				
<i>Hypothenemus birmanus</i>												1								
<i>Hypothenemus eruditus</i>	1																			
<i>Hypothenemus</i> <i>glabripennis</i>																				
<i>Hypothenemus seriatus</i>																				
<i>Hypothenemus</i> sp.1																			1	
<i>Scolytplatypus minimus</i>																				
<i>Scolytplatypus</i> <i>pubescens</i>		1																		
<i>Webbia cornutus</i>																				
<i>Xyleborinus andrewesi</i>		1																		
<i>Xyleborinus exiguus</i>																				
<i>Xyleborinus</i> sp.																				
<i>Xyleborus affinis</i>			2											3						
<i>Xyleborus hirtus</i>																				
<i>Xyleborus perforans</i>	4		2										8	4						
<i>Xyleborus similis</i>													1		2					

(continued)

Species	11				12				13				14				15				
	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	
<i>Xylosandrus</i> aff. <i>compactus</i>																					
<i>Xylosandrus</i> <i>crassiusculus</i>																2			5	5	6
<i>Xylosandrus</i> <i>discolor</i>													4	1					1		

Species	16				17			
	E	EG	F	FG	E	EG	F	FG
<i>Arixyleborus</i> sp. aff. <i>scabripennis</i>								
<i>Coccotrypes</i> ? <i>cinnamomi</i>							1	
<i>Coccotrypes</i> <i>carpophagus</i>				1		1		
<i>Coccotrypes</i> <i>longior</i>								
<i>Coccotrypes</i> <i>papuanus</i>				1		2	3	
<i>Coccotrypes</i> sp.1							1	
<i>Coptodryas</i> aff. <i>perparlus</i>								
<i>Coptodryas</i> <i>fragosus</i>								
<i>Coptodryas</i> sp.1		2	3					
<i>Cryphalus</i> sp.1								
<i>Cryphalus</i> sp.2								
<i>Cyclorhipidion</i> aff. <i>punctatopilosus</i>		1						
<i>Cyclorhipidion</i> sp.4				3				
<i>Cyclorhipidion</i> sp.5								
<i>Cyclorhipidion</i> sp.10	2							
<i>Cyrtogenius</i> sp.								
<i>Eccoptoperus</i> <i>spinus</i>								
<i>Gnatharus</i> <i>tibetensis</i>								
<i>Hypothenemus</i> <i>areccae</i>								
<i>Hypothenemus</i> <i>aulmanni</i>								
<i>Hypothenemus</i> <i>birmanus</i>		11				1		1
<i>Hypothenemus</i> <i>eruditus</i>					1	1		
<i>Hypothenemus</i> <i>glabripennis</i>								
<i>Hypothenemus</i> <i>seriatus</i>								
<i>Hypothenemus</i> sp.1		2						

(continued)

Species	16				17			
	E	EG	F	FG	E	EG	F	FG
<i>Scolytoplatypus minimus</i>		2						
<i>Scolytoplatypus pubescens</i>								
<i>Webbia cornutus</i>								
<i>Xyleborinus andrewesi</i>		1				1		
<i>Xyleborinus exiguus</i>								
<i>Xyleborinus</i> sp.								
<i>Xyleborus affinis</i>					2			
<i>Xyleborus hirtus</i>							2	
<i>Xyleborus perforans</i>							1	
<i>Xyleborus similis</i>								
<i>Xylosandrus</i> aff. <i>compactus</i>	1							
<i>Xylosandrus crassiusculus</i>	2	1	1	16				
<i>Xylosandrus discolor</i>		1						

Total individuals: 375 (14 genera 38 species)



Species	11				12				13				14				15				
	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	E	EG	F	FG	
<i>Crossotarsus externedentatus</i>																					
<i>Diapus aculeatus</i>																					
<i>Diapus quinquespinatus</i>																					
<i>Dinoplatypus</i> sp.1																					
<i>Euplatypus parallelus</i>																				1	
<i>Genyocerus diaphanus</i>																					
<i>Platypus insulindicus</i>																					
<i>Platypus quercivorus</i>																					
<i>Platypus</i> sp.1								2													
<i>Platypus vetulus</i>	1		1																		
<i>Treptoplatypus solidus</i>								1													
<i>Treptoplatypus</i> sp.																					

Species	16				17			
	E	EG	F	FG	E	EG	F	FG
<i>Crossotarsus externedentatus</i>					1			
<i>Diapus aculeatus</i>								
<i>Diapus quinquespinatus</i>								
<i>Dinoplatypus</i> sp.1								
<i>Euplatypus parallelus</i>								
<i>Genyocerus diaphanus</i>								
<i>Platypus insulindicus</i>								
<i>Platypus quercivorus</i>								
<i>Platypus</i> sp.1								
<i>Platypus vetulus</i>								
<i>Treptoplatypus solidus</i>								
<i>Treptoplatypus</i> sp.								

Total individuals: 52 (7 genera 12 species)

## Appendix E

## Temperature and relative humidity in MEF

Month	Temperature	%RH
Aug-04	20.6	84.2
Sep-04	20.5	86.3
Oct-04	19.1	74.5
Nov-04	18.2	65.1
Dec-04	16.4	60.7
Jan-05	15.4	57.4
Feb-05	17.6	40.1
Mar-05	21.8	51.7
Apr-05	23	58.1
May-05	21.5	75.2
Jun-05	20.8	80.5
Jul-05	21	79.4
Aug-05	20.8	83.5
Sep-05	20.6	85.2

## Temperature and relative humidity in DDF

Month	Temperature	%RH
Jan-05	21.8	70.4
Feb-05	25.1	54.5
Mar-05	26.8	57
Apr-05	29.1	61.1
May-05	28.6	72.3
Jun-05	27.6	84.4
Jul-05	27.4	83.6
Aug-05	26.2	87.9
Sep-05	26	88.4
Oct-05	26	84.1
Nov-05	24.6	83.7
Dec-05	21.8	79.3



## Appendix F

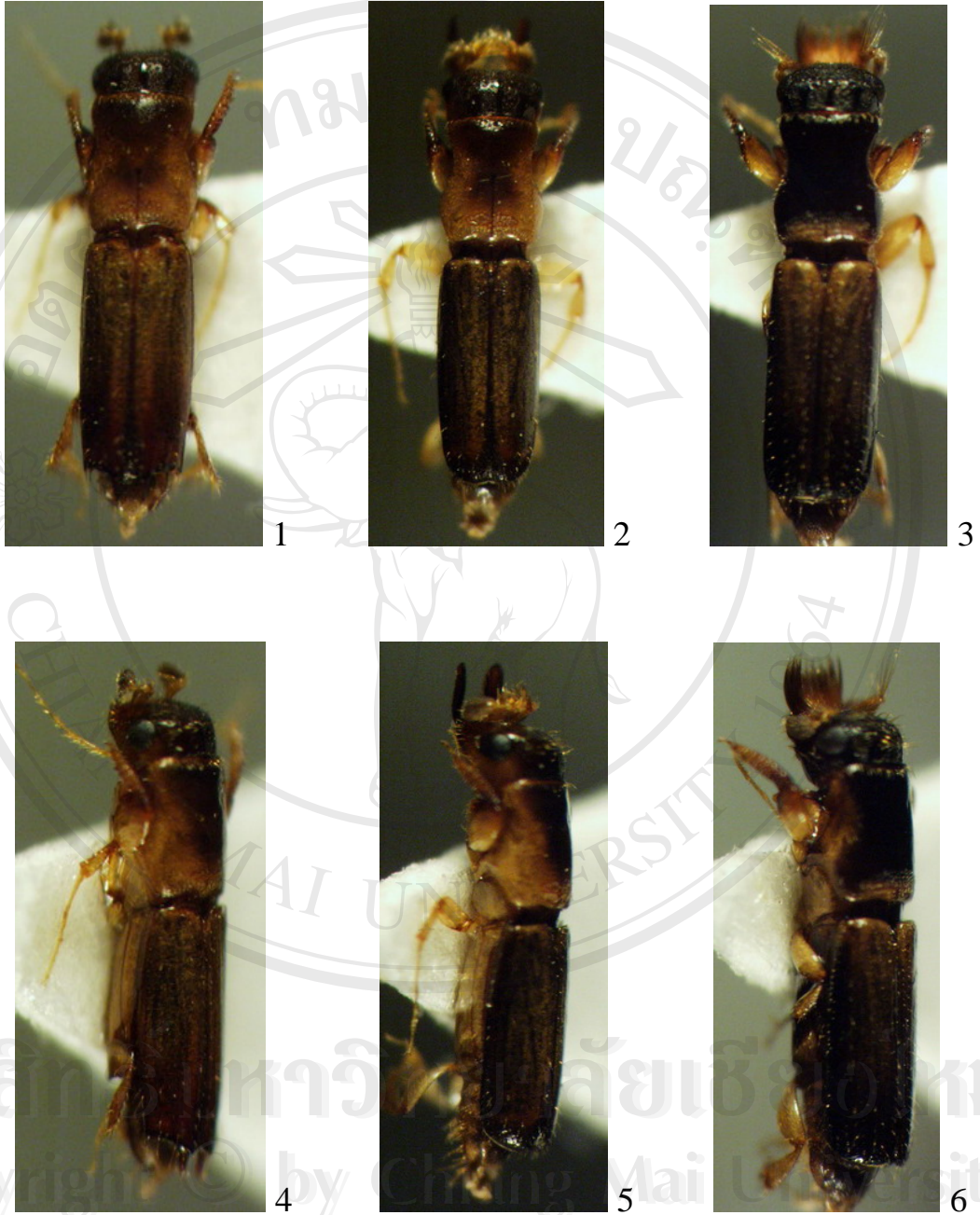


Figure 98 New species of Platypodidae; *Diapus* sp.n.1(male) (pics. 1, 4), *Diapus* sp.n.1(female) (pics.2, 5) and *Diapus* sp.n.2 (female) (pics. 3, 6).

## Appendix G



Figure 99 New records for Thailand: 1) *Arixyleborus malayensis*, 2) *Coptodryas alpha*, 3) *Coptodryas elegans*, 4) *Coptodryas fragosus*, 5) *Dryocoetiops coffeae*, 6) *Euwallacea destruens*, 7) *Xyleborinus spinipennis*, 8) *Xyleborinus subgranulatus*, 9) *Gnatharus tibetensis*, 10) *Diapus aculeatus*, 11) *Platypus insulindicus*, 12) *Platypus quercivorus*, 13) *Platypus vetulus*.

## Curriculum vitae

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<b>Education</b>	
1997-2001	Bachelor of Science(Biology), Department of biology, Faculty of Science, Chiang Mai University, Chiang Mai, Thailand.
1991-1997	Dara Academy, Chiang Mai, Thailand.
<b>Research</b>	
1999-2001	“ Effect of resins from <i>Pinus kesiya</i> on bean weevil ( <i>Acanthoscelides obtectus</i> )”