

Island		Site		Date		Names		Site Notes		Page	
TITIAN		PIDA		8-NOV-10		SF				1 of 7	
Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
SF	13A	O	NE	30.2	6	1		0			
						2		0			
						3		0			
						4		0			
						5		0			
						6		0			
SF	8B	O	MOR	17.3	8	1		0			
						2		5-16	H		
						3		5-10	H		
						4		5-10	H	DEF	
						5		0			
						6		0			
						7		0			
						8		0			
SF	9B	O	MOR	13.5	9	1		0			
						2		2-5	H		
						3		0			
						4		2-2	H		
						5		0			
						6		2-2	DEF		
						7		2-2	DEF		
						8		0			
						9		25-50	R		
SF	10B	O	GR	53.7	5	1		10-25	H	DIS	
						2		0			
						3		2-5	H		
						4		0			
						5		10-25	R		
SF	6C	O	GR	48.0	2	1	4				HT MEASURE
						2	4				TALLEST PT
SF	8C	O	NE	30.5	10	1	4				
						2		10-25	DIS		
						3		0			
						4		0			
						5		0			
						6		0			
						7		0			
						8		0			
						9		2-2	DIS		
						10		2-2	DIS		

Damage Types

H = Herbivory G = Gall
 Def = Deformity R = Rolled
 Dis = Discoloration

Damage Classes

0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
 <2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
 2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf area left, only petiole

Island	Site	Date	Names	Site Notes	Page
ITULAN	PLUA	8-NOV-10	J		3 of 7

Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaves (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
SF	1E	0	NOR	17.5	6	1		5-10	DIS		LEAF 20
						2		0			
						3		0			
						4		0			
						5		0			
						6		10-25	H		
SF	3F	0	CAR	44.8	4	1		10-25	H	DIS	
						2		5-10	H		WILTED
						3		L2	H		
						4		0			
SF	6F	0	NE	12.7	7	1		L2	H		
						2		2-5	H		
						3		L2	H		
						4		0			
						5		0			
						6		0			
						7		0			
SF	9F	0	DEAD								
SF	11F	0	DEAD								
SF	9G	0	DEAD								
SF	11G	0	MOR	→	5	1		0			2 STEMS
						2		0			1st: 11.5; 1
						3		0			2nd: 4.5; 4
						4		0			
						5		0			
SF	12G	0	NE	20.4	5	1		2-5	DIS		
						2		L2	DIS		
						3		0			
						4		10-25	R		
						5		0			
	13H	0	DEAD								
	11H	0	DEAD								
	4H	0	MOR	19.5	10	1		L2			
						2		L2			
						3		0			
						4		0			
						5		0			
						6		0			
						7		0			
						8		0			
						9		0			

Damage Types

H = Herbivory G = Gall
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Damage Classes

0 = 0% or no damage	5-10 = 5.01%-10%	50-75 = 50.01%-75%
<2 = .01%-2.0%	10-25 = 10.01%-25%	75-99 = 75.01%-99.99%
2-5 = 2.01%-5%	25-50 = 25.01%-50%	100 = 100% or no leaf area left, only petiole
10	5-10 R	

Island	Site	Date	Names	Site Notes	Page
TIJUAN	PEWA	8-NOV-10	SF		5 of 7

Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
SF	10C	E	DEAD								
SF	110	E	DEAD								
SF	90	E	MOR	10.6	4	1		L2	H		
						2		75-90	H		
						3		Ø			
						4		5-10	R	H	
S	10E	E	DEAD								
SF	14E	E	NE	13.2	7	1	Y				
						2		L2	DIS		
						3		L2	DIS		
						4		Ø			
						5		Ø			
						6		Ø			
						7		L2	DIS		
SF	10H	E	NE	30.0	6	1		L2	DIS		
						2		L2	DIS		
						3		Ø			
						4		Ø			
						5		5-10	R	H	
						6		2-5	DEF		
SF	10	E	NE	27.4	7	1		L2	H		
						2		Ø			
						3		Ø			
						4		Ø			
						5		Ø			
						6		Ø			
						7		10-75	R		
SF	30	F	MOR	11.1	5	1		10-25	H		
						2		L2	H		
						3		L2	H		
						4		25-50	DEF		
						5		25-50	DEF		
SF	50	F	DEAD								
SF	1E	F	MOR	6.0	6	1		5-10	H	DIS	
						2		L2	H	R	
						3		Ø			
						4		25-50	H		
						5		L2	H		
						6		Ø			
SF	3E	E	NE	22.0	6	1		L2	DIS		
						2		L2	DIS		

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Damage Classes

0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
 <2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
 2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf area left, only petiole

Island	Site	Date	Names	Site Notes	Page
TITIAN	GTWO	8-NOV-10	SF		2 of 10

Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
SF	SF	E	CAR	34.5	3	1		10-25	H		
						2		12	H		
						3		2-5	H		
SF	3G	E	MOR	10.7	4	1		25-50	DIS		LEAF ROT
						2		10-25	R		
						3		5-10	H		
						4		2-5	R		
SF	4G	E	DEAD								
SF	2H	E	DEAD								
SF	8H	E	CAR	29.5	4	1		2-5	H	DIS	
						2	4				
						3		25-50	R		
						4		10-25	DEF		
SF	9G	E	MOR	17.0	9	1		10-25	H		
						2		5-10	H		
						3		5-10	H		
						4		12	H		
						5		2-5	H		
						6		5-10	H		
						7		Ø			
						8		Ø			
						9		Ø			
SF	7F	E	MOR	11.8	8	1		5-10	DIS		
						2		5-10	DIS	H	
						3		2-5	H		
						4		5-10	H		
						5		10-25	H		
						6		2-5	H		
						7		Ø			
						8		12	H		
SF	10F	E	MOR	13.0	8	1		5-10	H		
						2		5-10	H		
						3		10-25	H		
						4		25-50	H		
						5		50-75	H		
						6		Ø			
						7		10-25	H		
						8		25-50	H		
SF	11F	E	NE	29.7	10	1		2-5	DIS		
						2		Ø			
						3		Ø			

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Damage Classes

0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
 <2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
 2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf area left, only petiole

Island	Site	Date	Names	Site Notes	Page						
TIJUAN	STUD	8-NOV-10	SE		4 of 10						
Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
SF	7C	E	MOR	7.9	7	5		0			
						6		0			
						7		<2	H		
SF	8B	E	MOR	16.1	7	1		2-5	H	DIS	
						2		5-10	H	DIS	
						3		5-10	H		
						4		5-10	H		
						5		2-5	H		
						6		10-25	H		
						7		5-10	R		
SF	12C	E	MOR	14.0	8	1		10-25	H		
						2		5-10	H		
						3		25-50	H		
						4		50-75	H		
						5		0			
						6		0			
						7		2-5	DEF		
						8		10-25	H		
SF	13C	E	MOR	14.8	8	1		10-25	H		
						2		5-10	H	DIS	
						3		10-25	H		
						4		10-25	H		
						5		25-50	H		
						6		0			
						7		25-50	H		
						8		10-25	R		
SF	12B	E	CAR	32.8	9	1		5-10	H		
						2		10-25	H		
						3		<2	H		
						4		5-10	R		
						5		<2	H		
						6		2-5	H		
						7		5-10	H		
						8		2-5	H		
						9		10-25	H		
SF	12A	E	CAR	44.7	10	1		5-10	H		
						2		10-25	H		
						3		2-5	H		
						4		5-10	H		
						5		10-25	DEF		
						6		2-5	H		

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Damage Classes

0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
 <2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
 2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf area left, only petiole

Island	Site	Date	Names	Site Notes	Page
TUJUAN	STWO	8-NOV-10	SF		6 of 10

Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
SF	14B	O	CAR	45.5	3	1		2-5	H		
						2		5-10	H		
						3		2-5	H		
SF	11C	O	DEAD								
SF	10C	O	MOR	14.1	8	1		2-5	H		
						2		2-5	H		
						3		2-5	H		
						4		5-10	H		
						5		5-10	H		
						6		5-10	H		
						7		10-25	H		
						8		10-25	H		
SF	9C	O	CAR	41.2	10	1		2-5	H		
						2		5-10	H		
						3		2-5	R	DTS	
						4		2-5	H	R	
						5		5-10	DEF		STITCH
						6		2-5	H		
						7		2-5	H		
						8		2-5	H		
						9		5-10	H		
						10		2-5	H		
SF	10D	O	NE	26.1	10	1		2-5	DTS		
						2		2-5	DTS		
						3		0			
						4		0			
						5		0			
						6		0			
						7		0			
						8		0			
						9		0			
						10		2-5	DEF		
SF	14D	O	NE	33.3	10	1		2-5	H		
						2		0			
						3		0			
						4		10-25	R		
						5		0			
						6		0			
						7		0			
						8		0			
						9		25-50	R		

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Damage Classes

0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
 <2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
 2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf area left, only petiole
 10 5-10 R

Island	Site	Date	Names	Site Notes	Page						
TIDIAN	GTWO	8-NOV-10	SF		8 of 10						
Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
SF	7E	O	GR	35.1	11	4		2-5	H		
						5		2-5	H		
						6		2-5	H		
						7		2-5	H		
						8		5-10	R	H	
						9		2-5	H		
						10		2-5	H		
						11		5-10	H		
SF	13E	O	NE	12.7	9	1		0			
						2		0			
						3		0			
						4		0			
						5		0			
						6		0			
						7		0			
						8		0			
						9		10-25	R		
SF	12F	O	GR	45.1	9	1		5-10	H		
						2		10-25	R		
						3		2-5	Dis	H	
						4		2-5	H		
						5		2-5	H		
						6		0			
						7		2-5	H		
						8		2-5	H		
						9		0			
KH	O		DEAD								
13G	O		MOR	9.2	8	1		2-5	H		
						2		2-5	H		
						3		2-5	H		
						4		2-5	H		
						5		10-25	H		
						6		10-25	H		
						7		5-10	H		
						8		5-10	H		
	12G	O	MOR	9.9	8	1		25-50	H		
						2		10-25	H		
						3		2-5	H		
						4		10-25	H		
						5		5-10	H		
						6		2-5	H		

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H = Herbivory G = Gall
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 Dis = Discoloration

Damage Classes

0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
 <2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
 2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf area left, only petiole
 7 75-100 H
 8 10-25 H

Island		Site	Date	Names		Site Notes		Page			
TUJUAN		GTUD	8-NOV-10	SF				10 of 10			
Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
SF	36	0	NE	28.0	7	4		0			
						5		0			
						6		0			
						7		0			
SF	76	0	GR	37.1	10	1		2-5	DEF		
						2		<2	H		
						3		<2	H		
						4		2-5	H		
						5		10-25	H		
						6		2-5	H		
						7		5-10	H		
						8		5-10	H		
						9		0			
						10		2-5	H		
	84	0	DEAD								
	</										

Damage Types

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Damage Classes

0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
 <2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
 2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf area left, only petiole

Island		Site	Date	Names		Site Notes		Page			
TIJUAN		GILDO	8 NOV 10	S				9 of 10			
Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
S	10F	O	MCK	13.7	7	1		0			
						2		22	H		
						3		22	H		
						4		25	H		
						5		510	H		
						6		510	H		
						7		22	H		
	7F	O	MCK	6.7	6	1		510	H		
						2		25	H		
						3		510	H		
						4		510	H		
						5		25	H		
						6		25	H		
	4F	O	CAR	41.2	11	1		22	H		
						2		510	H	DIS	LEAF ROT
						3		25	R		
						4		1025	R		
						5		510	H		
						6		510	H		
						7		25	H		
						8		22	R		
						9		22	H		
						10		22	R		
						11		25	DIS	DEF	
S	3F	O	CAR	33.5	12	1	4				
						2		1025	H	DIS	
						3		25	H	DIS	
						4		1025	DEF		
						5		25	H		
						6		22	H		
						7		1025	DEF		
						8		510	DIS		
						9		25	DIS		
						10		22	DIS		
						11		22	DIS	H	
						12		22	DIS		
S	1G	O	DEAD								
S	1H	O	DEAD								
	3G	O	NE	28.0	7	1		0			
						2		0			
						3		0			

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0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
 <2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
 2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf area left, only petiole

Island	Site	Date	Names	Site Notes	Page						
TAJUAN	3110	8 NOV 10	S		7 of 10						
Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
S	8D	0	ME	27.8	8	1		0			
						2		0			
						3		0			
						4		0			
						5		0			
						6		0			
						7		0			
						8		0			
S	7D	0	ME	12.6	5	1		0			
						2		0			
						3		0			
						4		0			
						5		0			
SF	3D	0	MOR	12.2	8	1		5-10	H		
						2		2-5	H		
						3		10-25	H		
						4		10-25	H		
						5		2-5	H		
						6		0			
						7		2-5	H		
						8		10-25	H		
SF	3D	0	DEAD								
SF	1E	0	DEAD								
SF	2E	0	DEAD								
SF	4E	0	CAR	44.8	14	1		2-5	H		
						2		12	H		
						3		10-25	H		
						4		10-25	H		
						5		12	DIS		
						6		12	H		
						7		2-5	H		
						8		12	H		
						9		12	H		
						10		0			
						11		0			
						12		0			
						13		10-25	DEF		
						14		2-5	H		
S	7E	0	CAR	38.1	11	1		30-75	H		
						2		5-10	H		
						3		12	H		

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0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
 <2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
 2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf area left, only petiole

Island		Site	Date		Names		Site Notes		Page		
TINIAN		CS100	8 NOV-10		S				5 of 5		
Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
S	2A	E	CAR	44.7	10	7		20-75	R		
						8		10-25	R		
						9		0			
						10		2-5	H		
S	10B	E	NT	10.4	8	1		0			
						2		5-10	H		
						3		0			
						4		0			
						5		22	DIS		
						6		25-50	R		
						7		2-5	H		
						8		2-5	H		
S	10A	E	MOX	10.1	8	1		25-50	DIS	H	
						2		25-50	DIS	H	
						3		50-75	H		
						4		50-75	H		
						5		2-5	H		
						6		2-5	DIS		
						7		0			
						8		2-5	H		
S	1C	E	DEAD								
S	1B	O	MOX	11.0	8	1		22	H		
						2		5-10	H		
						3		0			
						4		0			
						5		2-5	H		
						6		2-5	H		
						7		10-25	H		
						8		25-50	H		
S	1C	O	NE	14.5	5	1		2-5	DIS		
						2		22	DEF		
						3		0			
						4		0			
						5		22	H		
S	13B	O	MOX	9.1	6	1		2-5	H		
						2		5-10	H		
						3		2-5	H		
						4		10-25	H		
						5		2-10	H		
						6		5-10	H		

Damage Types

H = Herbivory G = Gall
Def = Deformity R = Rolled
Dis = Discoloration

Damage Classes

0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
<2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf ar
left, only petiole

Island		Site	Date		Names		Site Notes		Page		
TILMAN		GINO	8-NOV-10						2 of 10		
Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
ST	11F	F	NI	29.7	10	1		2-5	H		
						2		10-25	R		
						3		Ø			
						4		Ø			
						5		Ø			
						6		Ø			
						7		Ø			
						8		Ø			
						9		Ø			
						10		10-25	R	H	
ST	13H	E	CAR	38.8	3	1		25-50	H		
						2		5-10	R		
						3		5-10	DIS		
ST	14D	E	CAR	49.0	11	1	Y				
						2		5-10	DIS		
						3		5-10	H		
						4		2-5	H	R	
						5		5-10	R		
						6		2-5	H	DIS	
						7		Ø			
						8		22	DIS	H	
						9		Ø			
						10		22	DIS		
						11		10-25	R		
ST	12D	E	NE	25.8	10	1		22	DIS		
						2		Ø			
						3		Ø			
						4		22	DIS		
						5		22	DIS		
						6		Ø			
						7		Ø			
						8		Ø			
						9		Ø			
						10		2-5	DIS		
ST	8D	F	NE	27.8	6	1		Ø			
						2		Ø			
						3		Ø			
						4		22	H		
						5		Ø			
						6		Ø			
ST	7C	E	MOK	7.7	7	1		22	H	DIS	
						2		Ø			
						3		Ø			
						4		Ø			

Damage Types

H = Herbivory G = Gall
 Def = Deformity R = Rolled
 Dis = Discoloration

Damage Classes

0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
 <2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
 2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf area left, only petiole

Island		Site	Date		Names		Site Notes		Page		
TITIAN		GLUC	8 NOV 10		J				1 of 1		
Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
J	SA	E	NE	15.6	7	1		22	DIS		
						2		0			
						3		22	DIS		
						4		0			
						5		2.5	R		
						6		10-25	R		
SF	GB	E	MOR	10.0	6	7		0			
						1		0			
						2		2.5	H		
						3		2.5	H		
						4		0			
						5		0			
						6		22	H		
SF	BC	E	DEAD								
SI	GC	E	CAR	50.5	9	1		2.5	DIS	H	
						2		10-25	R	DIS	
						3		5-10	H		
						4		2.5	H		
						5		10-25	H		
						6		2.5	R	H	
						7		22	H		
						8		0			
SF	2E	E	NI	37.3	9	9		22	H		
						1		2.5	DIS		
						2		2.5	DIS		
						3		0			
						4		0			
						5		0			
						6		0			
						7		0			
						8		0			
						9		22	DIS		
SI	3E	F	DEAD								
SI	J	E	CAR	42.3	3	1	Y				
						2	Y				
						3		0			
SF	IF	E	DEAD								
SF	4E	E	CAR	39.0	5	1		10-25	H		
						2		22	H		
						3		22	H		
						4		22	H		

Damage Types

Damage Types

H = Herbivory G = Gall
Def = Deformity R = Rolled
Dis = Discoloration

Damage Classes

0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
<2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
2-5 = 2.01%-5% 25-50 = 25.01%-50% 100 = 100% or no leaf are left, only petiole

Island	Site	Date	Names	Site Notes	Page
MOLOKAI	PIUA	8 NOV 10	J		6 of 7

Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
SF	3E	E	NE	22.0	6	3		0			
						4		10-25	R		
						5		25-50	R		
						6		0			
SF	3F	F	MOR	16.8	6	1		0			
						2		2-5	DIS		
						3		2-5	H	DIS	
						4		10-25	R		
						5		25-50	R		
						6		2-5	DIS		
SF	4F	E	MOR	15.7	5	1		2-5	H		
						2		25-50	H		
						3		10-25	R		
						4		25-50	R		
SF	SF	E	DEAD			5		10-25	R		
	6F	E	↓								
	7F	E	↓								
SF	1G	F	CAR	49.4	7	1	Y	1			
						2		10-25	H	DEF	
						3		5-10	H		
						4		2-5	H		
						5		2-5	H		
						6		2-5	DEF		
						7		5-10	DEF		
SF	2G	F	CAR	49.6	5	1		10-25	H		
						2		10-25	DIS		
						3		5-10	DIS		
						4		5-10	R		
						5		0			
SF	3G	F	DEAD								
SF	4G	F	DEAD								
SF	24H	I	MOR	19.1	8	1		2-5	H		
						2		0			
						3		0			
						4		2-5	H		
						5		0			
						6		2-5	H		
						7		0			
						8		10-25	R		
S	6H	E	DEAD								

Damage Types

H = Herbivory G = Gall
 Def = Deformity R = Rolled
 Dis = Discoloration

Damage Glasses

0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
 <2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
 2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf area left, only petiole

Island	Site	Date	Names	Site Notes	Page
TIJUN	PINA	8/11/10	SF		4 of 7

Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
SF	3H	O	NE	28.1	6	1		0			
						2		0			
						3		0			
						4		0			
						5		0			
						6		0			
SF	2H	O	MOR	21.2	7	1		2-5	H		
						2		5-10	H		
						3		0			
						4		0			
						5		5-10	H		
						6		10-25	DTF		
						7		5-10	DTF		
SF	1H	O	MOR	19.0	6	1		0			
						2		0			
						3		0			
						4		0			
						5		0			
						6		2-5	H		
SF	3A	E	MOR	16.0	6	1		0			
						2		2	H		
						3		0			
						4		0			
						5		2-5	H		
						6		2-5	H		
SF	5A	E	MOR	20.0	8	1		5-10	H		
						2		5-10	H		
						3		10-25	H		
						4		0			
						5		0			
						6		5-10	H		
						7		10-25	R		
						8		5-10	DEF	R	
SF	6A	E	DEAD								
SF	8A	E	DEAD								
SF	10A	E	MOR	9.3	3	1		0			
						2		2-5	H		
						3		5-10	H		
SF	13A	E	DEAD								
SF	9C	E	DEAD								

Damage Types

H = Herbivory G = Gall
 Def = Deformity R = Rolled
 Dis = Discoloration

Damage Glasses

0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
 <2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
 2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf area left, only petiole

Island	Site	Date	Names	Site Notes	Page
MAUI	PUNA	8-10-10	3		2 of 7

Observ.	Spot	Treat	Spp	Height (cm)	# Leaves	Leaf # (Bottom to Top)	Wilted/ Yellowing	Damage Class (%)	1° Damage Type	2° Damage Type(s)	Notes
SF	10C	0	CAR	DEAD							
SF	11C	0	CAR	45.6	2	1	4				
						2		10-25	H		
SF	12C	0	MOR	15.4	6	1		10-25	H		
						2		0			
						3		25-50	R		
						4		10-25	R		
						5		0			
						6		42	H		
SF	13C	0	CAR	44.6	2	1		25-50	H		
	12E	0	DEAD			2		5-10	DEF		
SF	8E	0	NE	21.2	8	1		42	DIS		
						2		0			
						3		10-25	R		
						4		10-25	R		
						5		0			
						6		0			
						7		0			BROWN PETIOLE
						8		0			
SF	7E	0	CAR	44.5	2	1		5-10	H		
						2		2-5	H		
SF	SE	0	MOR	14.0	5	1		42	H		
						2		42	DIS		
						3		25-50	H		
						4		5-10	H		
						5		5-10	H		
SF	4D	0	DEAD								
SF	3D	0	CAR	57.9	3	1	4				
						2		42	H		
						3		2-5	H		
SF	1D	0	MOR	13.0	9	1		2-5	H		
						2		42	H		
						3		2-5	H		
						4		0			
						5		0			
						6		0			
						7		0			
						8		0			
						9		0			NEW TWIG

Damage Types

H = Herbivory G = Gall
 Def = Deformity R = Rolled
 Dis = Discoloration

Damage Classes

0 = 0% or no damage 5-10 = 5.01%-10% 50-75 = 50.01%-75%
 <2 = .01%-2.0% 10-25 = 10.01%-25% 75-99 = 75.01%-99.99%
 2-5 = 2.01% - 5% 25-50 = 25.01%-50% 100 = 100% or no leaf area left, only petiole