

Magnoliidae Table

MU #	Collection #	Family	Species	Part	Types on 2005 table:
Magnoliales					
446	n.a.	Annonaceae	Anaxagorea crassipetala Hemsl.	leaf	
447	n.a.	Annonaceae	Anaxagorea crassipetala Hemsl.	inflor	
1155	P1463	Annonaceae	Annona cherimolia	seed	
1682	P1463	Annonaceae	Annona cherimolia	seed	
448	n.a.	Annonaceae	Annona muricata L.	leaf	
449	n.a.	Annonaceae	Annona muricata L.	inflor	
2630		Annonaceae	Annona squamosa	fruit	
2880	V.I. 66	Annonaceae	Annona squamosa	wood	
2104	RK 98-8-3-14	Annonaceae	Duguetia sp.	leaf	
2105	RK 98-8-3-14	Annonaceae	Duguetia sp.	leaf	
2106	RK 98-8-3-17	Annonaceae	Duguetia sp.	leaf	
2107	RK 98-8-3-17	Annonaceae	Duguetia sp.	leaf	
2500Dup	MO5192337	Annonaceae	Guatteria glaberrina R. E. Fries	leaf	
2501/2	MO5192337	Annonaceae	Guatteria glaberrina R. E. Fries	inflo.	
2274		Annonaceae	Klarobelia sp.	Leaf	
2108	4264511	Annonaceae	Raimondia cherimolioides (Tr. & Pl.) R.E. Fries	leaf	
2109	MO 4264511	Annonaceae	Raimondia cherimolioides R.E.Fries	inflor	
450	n.a.	Annonaceae	Rollinia mucosa Jacq.	leaf	
451	n.a.	Annonaceae	Rollinia mucosa Jacq.	inflor	
2516/2	MO 3877829	Annonaceae	Trigynaea duckei R. E. Fries	leaf	
2517Dup	MO 3039463	Annonaceae	Trigynaea duckei R. E. Fries	inflor.	
2496/2	MO5196625	Annonaceae	Unonopsis Ploribunda (Diels)	leaf	
2497/2	MO5196625	Annonaceae	Unonopsis Ploribunda (Diels)	inflo.	
2154	UMO 178464	Chloranthaceae	Hedyosmum cumbalense H.Karst.	leaf	
2155	UMO 178464	Chloranthaceae	Hedyosmum cumbalense H.Karst.	inflor	
2156	UMO 178472	Chloranthaceae	Hedyosmum goudotianum Solms	leaf	
2157	UMO 178472	Chloranthaceae	Hedyosmum goudotianum Solms	inflor	
2372	n.a.	Lauraceae	Aniba hostmanniana Mez	leaf	
2373	n.a.	Lauraceae	Aniba hostmanniana Mez	inflor	
2263	3480625	Lauraceae	Aniba panurensis (Weiss.)		
2262	3480625	Lauraceae	Aniba panurensis (Weiss.) Mez		
2366	n.a.	Lauraceae	Beilschmiedia alloiophylla (Rusby) Kosterm.	leaf	
2367	n.a.	Lauraceae	Beilschmiedia alloiophylla (Rusby) Kosterm.	inflor	
2374	3643377	Lauraceae	Caryodaphnopsis fosteri H.van der Werff	leaf	

Magnoliidae Table

		Epidermal cells		Non-quadrilateral	Frag.	Seed
		Quadrilateral	3-D			
		2-D	Discrete			
		10	11	20	21	22
Species	Extract wt.					
Anaxagorea crassipetala Hemsl.	no extract					
Anaxagorea crassipetala Hemsl.	no extract					
Annona cherimolia						
Annona cherimolia	P, indistinctive					
Annona muricata L.	trace			R	C	
Annona muricata L.	no extract					
Annona squamosa	0.2414					
Annona squamosa			VR			
Duguetia sp.	0.0590					
Duguetia sp.	0.0360					
Duguetia sp.	0.0003					
Duguetia sp.	0.0930					
Guatteria glaberrina R. E. Fries	discarded					
Guatteria glaberrina R. E. Fries						
Klarobelia sp.						
Raimondia cherimolioides (Tr. & Pl.) R.E. Fries	0.0017		M			
Raimondia cherimolioides R.E.Fries	no extract					
Rollinia mucosa Jacq.	0.0019	C		VA	R	
Rollinia mucosa Jacq.	no extract					
Trigynaea duckei R. E. Fries	no extract					
Trigynaea duckei R. E. Fries	separate					
Unonopsis Ploribunda (Diels)	no extract					
Unonopsis Ploribunda (Diels)	no extract					
Hedyosmum cumbalense H.Karst.	0.0066			VA		
Hedyosmum cumbalense H.Karst.	0.0005					
Hedyosmum goudotianum Solms	0.0059			VA		
Hedyosmum goudotianum Solms	n.a.					22VI VA*
Aniba hostmanniana Mez	n.a.					
Aniba hostmanniana Mez	no extract					
Aniba panurensis (Weiss.)						
Aniba panurensis (Weiss.) Mez						
Beilschmiedia alloiophylla (Rusby) Kosterm.	n.a.			20IA M		
Beilschmiedia alloiophylla (Rusby) Kosterm.	no extract					
Caryodaphnopsis fosteri H.van der Werff	n.a.			20IA VA; 20VC A		

Magnoliidae Table

			Short Cells	Hairs and bases			
	occluded	blocky		Trichomes	Hair	Hair base	Honeycomb
	23	24	30	40 I, II	40 III	40 IV	70
Species							
Anaxagorea crassipetala Hemsl.							
Anaxagorea crassipetala Hemsl.							
Annona cherimolia							
Annona cherimolia							
Annona muricata L.	A	R					VA
Annona muricata L.							
Annona squamosa							
Annona squamosa							
Duguetia sp.							
Duguetia sp.							
Duguetia sp.							
Duguetia sp.							
Guatteria glaberrina R. E. Fries							
Guatteria glaberrina R. E. Fries							
Klarobelia sp.							
Raimondia cherimolioides (Tr. & Pl.) R.E. Fries						C	
Raimondia cherimolioides R.E.Fries							
Rollinia mucosa Jacq.	M	C		R		M	A
Rollinia mucosa Jacq.							
Trigynaea duckei R. E. Fries							
Trigynaea duckei R. E. Fries							
Unonopsis Ploribunda (Diels)							
Unonopsis Ploribunda (Diels)							
Hedyosmum cumbalense H.Karst.					VR		
Hedyosmum cumbalense H.Karst.							
Hedyosmum goudotianum Solms							
Hedyosmum goudotianum Solms							
Aniba hostmanniana Mez						R	
Aniba hostmanniana Mez							
Aniba panurensis (Weiss.)							
Aniba panurensis (Weiss.) Mez							
Beilschmiedia alloiophylla (Rusby) Kosterm.						40IVAa VR	
Beilschmiedia alloiophylla (Rusby) Kosterm.							
Caryodaphnopsis fosteri H.van der Werff							

Magnoliidae Table

	Spheres						
	Smooth	Rugulose	Nodular	Spinulose	Angled	Ciliate	Faceted
	80 IA	80 IB	80 IC	80 ID	80 IE	80 Ii	80 IF
Species							
Anaxagorea crassipetala Hemsl.							
Anaxagorea crassipetala Hemsl.							
Annona cherimolia							
Annona cherimolia							
Annona muricata L.							
Annona muricata L.							
Annona squamosa		P					
Annona squamosa		R					
Duguetia sp.							80IFb3 M*
Duguetia sp.							80IFb3 M*
Duguetia sp.							C-A*
Duguetia sp.							C*
Guatteria glaberrina R. E. Fries							
Guatteria glaberrina R. E. Fries							
Klarobelia sp.							
Raimondia cherimolioides (Tr. & Pl.) R.E. Fries			VR				
Raimondia cherimolioides R.E.Fries							
Rollinia mucosa Jacq.	M	R		R			
Rollinia mucosa Jacq.							
Trigynaea duckei R. E. Fries							
Trigynaea duckei R. E. Fries							
Unonopsis Ploribunda (Diels)							
Unonopsis Ploribunda (Diels)							
Hedyosmum cumbalense H.Karst.							
Hedyosmum cumbalense H.Karst.							
Hedyosmum goudotianum Solms							
Hedyosmum goudotianum Solms							
Aniba hostmanniana Mez							
Aniba hostmanniana Mez							
Aniba panurensis (Weiss.)							
Aniba panurensis (Weiss.) Mez							C
Beilschmiedia alloiophylla (Rusby) Kosterm.	80IAa3 C*						
Beilschmiedia alloiophylla (Rusby) Kosterm.							
Caryodaphnopsis fosteri H.van der Werff							

Magnoliidae Table

Species	Crystalline Bodies				Schlerids ^a 110	Stomata 120	Tracheids
	Conical Bodies 80III	Cystoliths ^a 100 I	Raphides 100 II	CaC03 100 IV			
Anaxagorea crassipetala Hemsl.							
Anaxagorea crassipetala Hemsl.							
Annona cherimolia				R			
Annona cherimolia							
Annona muricata L.							
Annona muricata L.							
Annona squamosa					M		
Annona squamosa							
Duguetia sp.				VA	M		
Duguetia sp.				A	M-R		
Duguetia sp.					M-C		
Duguetia sp.				A	R		
Guatteria glaberrina R. E. Fries							
Guatteria glaberrina R. E. Fries							
Klarobelia sp.				VA			
Raimondia cherimolioides (Tr. & Pl.) R.E. Fries						A	
Raimondia cherimolioides R.E.Fries							
Rollinia mucosa Jacq.					R	C	
Rollinia mucosa Jacq.							
Trigynaea duckei R. E. Fries							
Trigynaea duckei R. E. Fries							
Unonopsis Ploribunda (Diels)							
Unonopsis Ploribunda (Diels)							
Hedyosmum cumbalense H.Karst.					A		
Hedyosmum cumbalense H.Karst.				M			
Hedyosmum goudotianum Solms					R	A	
Hedyosmum goudotianum Solms					C		
Aniba hostmanniana Mez					VA	R	
Aniba hostmanniana Mez							
Aniba panurensis (Weiss.)							
Aniba panurensis (Weiss.) Mez							
Beilschmiedia alloiophylla (Rusby) Kosterm.						R	
Beilschmiedia alloiophylla (Rusby) Kosterm.							
Caryodaphnopsis fosteri H.van der Werff					A		

Magnoliidae Table

Magnoliidae				Types on 2005 table:
2375	3643377	Lauraceae	Caryodaphnopsis fosteri H.van der Werff	inflor
2264	04673263	Lauraceae	Caryodaphnopsis tomentosa (van der Werff.)	Leaf
2265	04673263	Lauraceae	Caryodaphnopsis tomentosa (van der Werff.)	inflor
2356	n.a.	Lauraceae	Caryodaphnopsis tomentosa H.van der Werff	inflor
2253		Lauraceae	Chlorocardium venenosum (Koserm. & Pinkley) Rohwer, H.G. Richt & van der Werff	Leaf
2341	n.a.	Lauraceae	Chlorocardium venenosum (Koserm. & Pinkley) J.G.Rohwer, H.G.Richter & H.van der Werff	fruit
2342	n.a.	Lauraceae	Chlorocardium venenosum (Koserm. & Pinkley) J.G.Rohwer, H.G.Richter & H.van der Werff	seed
1173		Lauraceae	Cinnamonum comphora Nees	leaf
1174		Lauraceae	Cinnamonum comphora Nees	inflo.
2370	3003406	Lauraceae	Cryptocarya aschersoniana Mez	leaf
2371	3003406	Lauraceae	Cryptocarya aschersoniana Mez	inflor
2270	4976411	Lauraceae	Cryptocarya guianensis (Meissner)	Leaf
2271	MO 4976411	Lauraceae	Cryptocarya guianensis Meisn.	inflor
2266	MO 4892139	Lauraceae	Endlicheria formosa A. C. Smith	leaf
2267	MO 4892139	Lauraceae	Endlicheria formosa A. C. Smith	inflor
2343	RK 98-8-2-25	Lauraceae	Endlicheria sp.	leaf
2256	MO 5081570	Lauraceae	Licaria cannella (Meisn.) Kosterm.	leaf
2257	MO 5081570	Lauraceae	Licaria cannella (Meisn.) Kosterm.	inflor
2062a		Lauraceae	Licaria macrophylla	leaf
2362	5046177	Lauraceae	Licaria macrophylla (A.C. Sim) Kosterm	Leaf
2363	5046177	Lauraceae	Licaria macrophylla (A.C.Sm.) Kosterm.	inflor
1177		Lauraceae	Lindera umnellata	leaf
1178		Lauraceae	Lindera umnellata	inflo.
2269	UMO 181532	Lauraceae	Nectandra acutifolia (R. & P.)	inflor
2268	UMO 181532	Lauraceae	Nectandra acutifolia (R. & P.) Mez	Leaf
2344	UMO 171012	Lauraceae	Nectandra cuspidata Nees	leaf
2368	UMO 181532	Lauraceae	Nectandra globosa Mez	leaf
2369	UMO 181532	Lauraceae	Nectandra globosa Mez	inflor
2254	UMO 179422	Lauraceae	Ocotea aciphylla (Nees & Mart.) Mez	leaf
2255	UMO 179422	Lauraceae	Ocotea aciphylla (Nees & Mart.) Mez	inflor
2358	UMO 180869	Lauraceae	Ocotea puberula Nees	leaf
2359	UMO 180869	Lauraceae	Ocotea puberula Nees	inflor
2345	RK 98-8-3-18	Lauraceae	Ocotea quixos (Lam.) Kosterm.	leaf
2357	RK 98-8-2-11	Lauraceae	Ocotea sp.	leaf
2258	MO 5067385	Lauraceae	Persea sericea Meissner	leaf
2259	MO 5067385	Lauraceae	Persea sericea Meissner	inflor
1175		Lauraceae	Phoebe sheareri Gambl.	leaf
1176		Lauraceae	Phoebe sheareri Gambl.	inflo.

Magnoliidae Table

		Epidermal cells				
		Quadrilateral		Non-quadrilateral		
		2-D	3-D	Discrete	Frag.	Seed
		10	11	20	21	22
<i>Caryodaphnopsis fosteri</i> H.van der Werff	no extract					
<i>Caryodaphnopsis tomentosa</i> (van der Werff.)				201Ba VR		
<i>Caryodaphnopsis tomentosa</i> (van der Werff.)						
<i>Caryodaphnopsis tomentosa</i> H.van der Werff	no extract					
<i>Chlorocardium venenosum</i> (Koserm. & Pinkley) Rohwer, H.G. Richt & van der Werff		10IIBb M-C		20IA C; 20V VA	21I VA	
<i>Chlorocardium venenosum</i> (Koserm. & Pinkley) J.G.Rohwer, H.G.Richter & H.van der Werff	n.a.					22IF VA*
<i>Chlorocardium venenosum</i> (Koserm. & Pinkley) J.G.Rohwer, H.G.Richter & H.van der Werff	no extract					
<i>Cinnamomum comphora</i> Nees		10IIBb R				
<i>Cinnamomum comphora</i> Nees	P, indistinctive					
<i>Cryptocarya aschersoniana</i> Mez	n.a.			20IA P		
<i>Cryptocarya aschersoniana</i> Mez	P, indistinctive					
<i>Cryptocarya guianensis</i> (Meissner)				20IA VR		
<i>Cryptocarya guianensis</i> Meisn.	no extract					
<i>Endlicheria formosa</i> A. C. Smith	P, indistinctive					
<i>Endlicheria formosa</i> A. C. Smith	P, indistinctive					
<i>Endlicheria</i> sp.	no extract					
<i>Licaria cannella</i> (Meisn.) Kosterm.	P, incompletely processed					
<i>Licaria cannella</i> (Meisn.) Kosterm.	no extract					
<i>Licaria macrophylla</i>		10IIBb R		20IA M; 20V VA		
<i>Licaria macrophylla</i> (A.C. Sim) Kosterm	no extract					
<i>Licaria macrophylla</i> (A.C.Sm.) Kosterm.	no extract					
<i>Lindera umnellata</i>	P, indistinctive					
<i>Lindera umnellata</i>						22II
<i>Nectandra acutifolia</i> (R. & P.)						
<i>Nectandra acutifolia</i> (R. & P.) Mez					R	
<i>Nectandra cuspidata</i> Nees	n.a.					
<i>Nectandra globosa</i> Mez	n.a.			20IA C		
<i>Nectandra globosa</i> Mez	no extract					
<i>Ocotea aciphylla</i> (Nees & Mart.) Mez	P, indistinctive					
<i>Ocotea aciphylla</i> (Nees & Mart.) Mez	no extract					
<i>Ocotea puberula</i> Nees	no extract					
<i>Ocotea puberula</i> Nees	no extract					
<i>Ocotea quixos</i> (Lam.) Kosterm.	n.a.					
<i>Ocotea</i> sp.	no extract					
<i>Persea sericea</i> Meissner	n.a.					
<i>Persea sericea</i> Meissner	P, indistinctive					
<i>Phoebe sheareri</i> Gambl.		10IIBb R				
<i>Phoebe sheareri</i> Gambl.		10IIBb VR				

Magnoliidae Table

	Spheres						
	Smooth	Rugulose	Nodular	Spinulose	Angled	Ciliate	Faceted
	80 IA	80 IB	80 IC	80 ID	80 IE	80 Ii	80 IF
Caryodaphnopsis fosteri H.van der Werff							
Caryodaphnopsis tomentosa (van der Werff.)							
Caryodaphnopsis tomentosa (van der Werff.)							
Caryodaphnopsis tomentosa H.van der Werff							
Chlorocardium venenosum (Koserm. & Pinkley) Rohwer, H.G. Richt & van der Werff							
Chlorocardium venenosum (Koserm. & Pinkley) J.G.Rohwer, H.G.Richter & H.van der Werff							
Chlorocardium venenosum (Koserm. & Pinkley) J.G.Rohwer, H.G.Richter & H.van der Werff							
Cinnamonum comphora Nees							
Cinnamonum comphora Nees							
Cryptocarya aschersoniana Mez							
Cryptocarya aschersoniana Mez							
Cryptocarya guianensis (Meissner)							
Cryptocarya guianensis Meisn.							
Endlicheria formosa A. C. Smith							
Endlicheria formosa A. C. Smith							
Endlicheria sp.							
Licaria cannella (Meisn.) Kosterm.							
Licaria cannella (Meisn.) Kosterm.							
Licaria macrophylla							
Licaria macrophylla (A.C. Sim) Kosterm							
Licaria macrophylla (A.C.Sm.) Kosterm.							
Lindera umnellata							
Lindera umnellata							
Nectandra acutifolia (R. & P.)							
Nectandra acutifolia (R. & P.) Mez							
Nectandra cuspidata Nees							
Nectandra globosa Mez							
Nectandra globosa Mez							
Ocotea aciphylla (Nees & Mart.) Mez							
Ocotea aciphylla (Nees & Mart.) Mez							
Ocotea puberula Nees							
Ocotea puberula Nees							
Ocotea quixos (Lam.) Kosterm.							
Ocotea sp.							
Persea sericea Meissner							
Persea sericea Meissner							
Phoebe sheareri Gambl.							
Phoebe sheareri Gambl.							

Magnoliidae Table

	Crystalline Bodies				Schlerids	Stomata	Tracheids
	Conical Bodies	Cystoliths	Raphides	CaCO ₃			
	80III	^a 100 I	100 II	100 IV	^a 110	120	
<i>Caryodaphnopsis fosteri</i> H.van der Werff							
<i>Caryodaphnopsis tomentosa</i> (van der Werff.)							
<i>Caryodaphnopsis tomentosa</i> (van der Werff.)							
<i>Caryodaphnopsis tomentosa</i> H.van der Werff							
<i>Chlorocardium venenosum</i> (Koserm. & Pinkley) Rohwer, H.G. Richt & van der Werff					VR	120IIB M	
<i>Chlorocardium venenosum</i> (Koserm. & Pinkley) J.G.Rohwer, H.G.Richter & H.van der Werff							
<i>Chlorocardium venenosum</i> (Koserm. & Pinkley) J.G.Rohwer, H.G.Richter & H.van der Werff							
<i>Cinnamomum comphora</i> Nees							
<i>Cinnamomum comphora</i> Nees							
<i>Cryptocarya aschersoniana</i> Mez							
<i>Cryptocarya aschersoniana</i> Mez							
<i>Cryptocarya guianensis</i> (Meissner)							
<i>Cryptocarya guianensis</i> Meisn.							
<i>Endlicheria formosa</i> A. C. Smith							
<i>Endlicheria formosa</i> A. C. Smith							
<i>Endlicheria</i> sp.							
<i>Licaria cannella</i> (Meisn.) Kosterm.							
<i>Licaria cannella</i> (Meisn.) Kosterm.							
<i>Licaria macrophylla</i>						120II C	
<i>Licaria macrophylla</i> (A.C. Sim) Kosterm							
<i>Licaria macrophylla</i> (A.C.Sm.) Kosterm.							
<i>Lindera umnellata</i>							
<i>Lindera umnellata</i>					A		
<i>Nectandra acutifolia</i> (R. & P.)							
<i>Nectandra acutifolia</i> (R. & P.) Mez							
<i>Nectandra cuspidata</i> Nees						C	
<i>Nectandra globosa</i> Mez					M	R	
<i>Nectandra globosa</i> Mez							
<i>Ocotea aciphylla</i> (Nees & Mart.) Mez							
<i>Ocotea aciphylla</i> (Nees & Mart.) Mez							
<i>Ocotea puberula</i> Nees							
<i>Ocotea puberula</i> Nees							
<i>Ocotea quixos</i> (Lam.) Kosterm.					M		
<i>Ocotea</i> sp.							
<i>Persea sericea</i> Meissner							
<i>Persea sericea</i> Meissner							
<i>Phoebe sheareri</i> Gambl.					VA		
<i>Phoebe sheareri</i> Gambl.					VA		

Magnoliidae Table

Magnoliidae				Types on 2005 table:
2364	4940086	Lauraceae	Pleurothyrium cuneifolium Nees	leaf
2365	3918384	Lauraceae	Pleurothyrium cuneifolium Nees	inflor
2361	3387611	Lauraceae	Pleurothyrium trianae (Mez) J.G.Rohwer	inflor
2272	4345970	Lauraceae	Rhodostemonodaphne grandis (Mez) Rohwer	leaf
2273	4345970	Lauraceae	Rhodostemonodaphne grandis (Mez) Rohwer	inflor
2260	MO 4896370	Lauraceae	Rhodostemonodaphne kunthiana (Nees) J.G.Rohwer	leaf
2261	MO 4896370	Lauraceae	Rhodostemonodaphne kunthiana (Nees) J.G.Rohwer	inflor
827	3595684	Magnoliaceae	Talauma sp.	leaf
2514/2		Monimaceae	Siparuna cervicornus Perkins	leaf
2515/2		Monimaceae	Siparuna cervicornus Perkins	inflor.
3005	No Voucher	Myristicaceae	Virola nobilis A.C. Smith	bark
3006	MO05072498	Myristicaceae	Virola peruviana (A.DC.) Warburg	bark
3007	MO05072498	Myristicaceae	Virola peruviana (A.DC.) Warburg	Seedpod
3008	MO05072498	Myristicaceae	Virola peruviana (A.DC.) Warburg	leaf
3030		Myristicaceae	Virola peruviana (A.DC.) Warburg	seed
3004	MO2205091	Myristicaceae	Virola peruviana (D.C.) Warb.	inner bark
Piperales				
1397	MO 3609643	Piperaceae	Piper aduncum L. var. aduncum	leaf
1398	MO 3609643	Piperaceae	Piper aduncum L. var. aduncum	inflor
2498Dup	MO 3496454	Piperaceae	Piper austinii Trel.	leaf
2499Dup	MO 3496454	Piperaceae	Piper austinii Trel.	inflor.
Ranunculales				
2494Dup	MO4894691	Menispermaceae	Anomaspermum sp.	leaf
2478Dup	Bilsa Par. 1 19.25	Sabiaceae	Meliosma sp.	leaf
2528Dup	MO4284812	Sabiaceae	Meliosma herbertii Rolfe	leaf
2529/2	MO3194790	Sabiaceae	Meliosma herbertii Rolfe	inflor.
As=ashed				
Ch=chemically oxidized				
n.a.=not available				
*=category contains a diagnostic type				
lost: these samples were mixed in the lab				
a=generalized arboreal indicator				
d=generalized dicot indicator				
f=generalized fruit/seed indicator				
P=present				
VR=very rare				
R=rare				

Magnoliidae Table

	occluded	blocky	Short Cells	Hairs and bases			
				Trichomes	Hair	Hair base	Honeycomb
	23	24	30	40 I, II	40 III	40 IV	70
<i>Pleurothyrium cuneifolium</i> Nees							
<i>Pleurothyrium cuneifolium</i> Nees							
<i>Pleurothyrium trianae</i> (Mez) J.G.Rohwer							
<i>Rhodostemonodaphne grandis</i> (Mez) Rohwer							
<i>Rhodostemonodaphne grandis</i> (Mez) Rohwer							
<i>Rhodostemonodaphne kunthiana</i> (Nees) J.G.Rohwer							
<i>Rhodostemonodaphne kunthiana</i> (Nees) J.G.Rohwer							
<i>Talauma</i> sp.							
<i>Siparuna cervicornus</i> Perkins							
<i>Siparuna cervicornus</i> Perkins							
<i>Virola nobilis</i> A.C. Smith							
<i>Virola peruviana</i> (A.DC.) Warburg							
<i>Virola peruviana</i> (A.DC.) Warburg							
<i>Virola peruviana</i> (A.DC.) Warburg							
<i>Virola peruviana</i> (A.DC.) Warburg							
<i>Virola peruviana</i> (D.C.) Warb.							
<i>Piper aduncum</i> L. var. <i>aduncum</i>					VA	VA	
<i>Piper aduncum</i> L. var. <i>aduncum</i>					VA	VA	
<i>Piper austinii</i> Trel.							
<i>Piper austinii</i> Trel.							
<i>Anomaspermum</i> sp.							
<i>Meliosma</i> sp.							
<i>Meliosma herbertii</i> Rolfe							
<i>Meliosma herbertii</i> Rolfe							

Magnoliidae Table

Magnoliidae				Types on 2005 table:
M=moderate				
C=common				
A=abundant				
VA=very abundant				
green font: specimen has not been examined				
red font: duplicated number				
P, indistinctive=silica present, but no distinctive forms				
MO: Missouri Botanical Garden Herbarium				
UMO: University of Missouri Herbarium				
FBG: Fairchild Botanical Garden				
RK: Robin Kennedy collection				
E: Pearsall Ecuadorian collection				
Peru/P: Pearsall Peruvian collection				
separate: a duplicated number that can perhaps be separated				
by slide-mounting each extract; one specimen is a grass.				

Magnoliidae Table

	Epidermal cells					
	Quadrilateral			Non-quadrilateral		
	2-D	3-D		Discrete	Frag.	Seed
	10	11		20	21	22
s						
arated						
grass.						

Magnoliidae Table

			Short Cells	Hairs and bases			
	occluded	blocky		Trichomes	Hair	Hair base	Honeycomb
	23	24	30	40 I, II	40 III	40 IV	70
s							
arated							
grass.							

Magnoliidae Table

	Spheres						
	Smooth	Rugulose	Nodular	Spinulose	Angled	Ciliate	Faceted
	80 IA	80 IB	80 IC	80 ID	80 IE	80 Ii	80 IF
s							
arated							
grass.							

Magnoliidae Table

	Crystalline Bodies				Schlerids	Stomata	Tracheids
	Conical Bodies	Cystoliths	Raphides	CaCO ₃			
	80III	^a 100 I	100 II	100 IV	^a 110	120	
s							
arated							
grass.							

