

## Phytoliths in Flora of Ecuador Summary Table, first project

Lab#	Collection#	Family	Name	Part	Epidermal cells								
					Quadrilateral		Non-quadrilateral						
					2-D	3-D	Discrete	Fragmentary	Seed	Carbon-Occluded	Blocky		
					10	11	20	21	22	23	24		
2098	MO 5041530	Anacardiaceae	Astronium graveolens Jacq.	leaf									
2099	MO 5045095	Anacardiaceae	Astronium graveolens Jacq.	inflor									
2100	MO 3430895	Anacardiaceae	Loxopterygium huasango Spruce	leaf									
2101	MO 3430895	Anacardiaceae	Loxopterygium huasango Spruce	inflor									
2102	MO 3195070	Anacardiaceae	Schinus molle L.	leaf									
2103	MO 3195070	Anacardiaceae	Schinus molle L.	inflor									
2093	MO 4638683	Anacardiaceae	Spondias mombin L.	leaf							M-A		
2094	MO 4638683	Anacardiaceae	Spondias mombin L.	inflor									
2096	MO 4326248	Anacardiaceae	Spondias purpurea L.	leaf		VA							
2097	MO 4326248	Anacardiaceae	Spondias purpurea L.	inflor									
446	n.a.	Annonaceae	Anaxagorea crassipetala Hemsl.	leaf									
447	n.a.	Annonaceae	Anaxagorea crassipetala Hemsl.	inflor									
448	n.a.	Annonaceae	Annona muricata L.	leaf			R	C					R
449	n.a.	Annonaceae	Annona muricata L.	inflor									
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									
2109	MO 4264511	Annonaceae	Raimondia cherimolioides R.E.Fries	inflor									
450	n.a.	Annonaceae	Rollinia mucosa Jacq.	leaf	C		A						
451	n.a.	Annonaceae	Rollinia mucosa Jacq.	inflor									
2279	n.a.	Apocynaceae	Lacmellea sp.	inflor									
2277	n.a.	Apocynaceae	Rauvolfia sp.	leaf									
2275	n.a.	Apocynaceae	Stemmadenia donnell-smithii Woodson	leaf									
2276	n.a.	Apocynaceae	Stemmadenia donnell-smithii Woodson	inflor									
2280	n.a.	Araliaceae	Dendropanax sp.	leaf									
2210	MO 4289133	Asteraceae	Chuquiraga jussieui J.F.Gmel.	leaf									
2211	MO 4289133	Asteraceae	Chuquiraga jussieui J.F.Gmel.	inflor									
2208	MO 3850013	Asteraceae	Diplostephium antisanense Hieron.	leaf									
2209	MO 3850013	Asteraceae	Diplostephium antisanense Hieron.	inflor									
2206	MO 3219503	Asteraceae	Eupatorium capillifolium Small.	leaf				M			M		
2207	MO 3219503	Asteraceae	Eupatorium capillifolium Small.	inflor							A		
2204	MO 4236025	Asteraceae	Gynoxys hallii Hieron.	leaf				R					
2205	MO 4236025	Asteraceae	Gynoxys hallii Hieron.	inflor							A		A
2202	MO 2707322	Asteraceae	Gynoxys laurifolia H. B. & K.	leaf			A				A		C

















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Name	Conical Bodies	Crystalline Bodies			Schlerids	Stomata	Tracheids	Extract wt.
		Cystoliths	Raphides	CaCO3				
	80 III	100 I	100 II	100 IV	110	120		
<i>Draba aretioides</i> H. B. & K.			C		M-C			n.a.
<i>Draba aretioides</i> H. B. & K.			M					n.a.
<i>Draba volcanica</i> Benth.								n.a.
<i>Draba volcanica</i> Benth.					M			n.a.
<i>Bursera graveolens</i> Triana & Planch.								0.0006
<i>Bursera graveolens</i> Triana & Planch.								no extract
<i>Bursera simaruba</i> (L.) Sarg.						VA	M	0.0021
<i>Bursera simaruba</i> (L.) Sarg.								no extract
<i>Crepidospermum rhoifolium</i> Triana & Planch.				P				0.0007
<i>Crepidospermum rhoifolium</i> Triana & Planch.								no extract
<i>Dacryodes peruviana</i> (Loes.) Lam.								no extract
<i>Dacryodes peruviana</i> (Loes.) Lam.						M		0.0003
<i>Protium fimbriatum</i> Swart					M		M	0.0021
<i>Protium fimbriatum</i> Swart								n.a.
<i>Trattinnickia peruviana</i> Loes.					A	C-R		0.0350
<i>Trattinnickia peruviana</i> Loes.						A		0.0004
<i>Opuntia ficus-indica</i> (L.) Mill.								no extract
<i>Opuntia ficus-indica</i> (L.) Mill.								no extract
<i>Opuntia tunicata</i> Hort.Berol. ex Pfeiff.				C	C			0.0004
<i>Opuntia tunicata</i> Hort.Berol. ex Pfeiff.								no extract
<i>Canna glauca</i> L.								0.0002
<i>Canna jaegeriana</i> Urb.								0.0035
<i>Canna jaegeriana</i> Urb.								0.0001
<i>Capparis crotonoides</i> H. B. & K.								no phytos
<i>Capparis crotonoides</i> H. B. & K.								no extract
<i>Capparis crotonoides</i> H. B. & K.								no extract
<i>Capparis ecuadorica</i> H.H.Iltis						C		0.11
<i>Capparis ecuadorica</i> H.H.Iltis								no extract
<i>Capparis ovalifolia</i> Ruiz & Pav.								no extract
<i>Capparis ovalifolia</i> Ruiz & Pav.								no extract
<i>Morisonia americana</i> L.				M				trace
<i>Maytenus</i> sp.								no extract
<i>Maytenus</i> sp.								no extract
<i>Hedyosmum cumbalense</i> H.Karst.					A			0.0066
<i>Hedyosmum cumbalense</i> H.Karst.				M				0.0005





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	80 III	100 I	100 II	100 IV	110	120		
Hedyosmum goudotianum Solms					R	A		0.0059
Hedyosmum goudotianum Solms					C			n.a.
Licania celiae Prance								no extract
Licania longistyla Fritsch		A						n.a.
Licania longistyla Fritsch								no extract
Licania longistyla Fritsch								n.a.
Licania longistyla Fritsch								no extract
Licania platypus Fritsch					C			n.a.
Licania platypus Fritsch								no extract
Chrysochlamys membranacea Planch. &								no extract
Chrysochlamys membranacea Planch. &								no extract
Chrysochlamys membranacea Planch. &								no extract
Garcinia macrophylla Mart.					VR			n.a.
Marila grandiflora Griseb.				R				n.a.
Marila grandiflora Griseb.								no extract
Tovomita weddeliana Planch. & Triana								no extract
Conocarpus erectus L.								no extract
Conocarpus erectus L.								no extract
Laguncularia racemosa Gaertn.					M			n.a.
Laguncularia racemosa Gaertn.								n.a.
Laguncularia racemosa Gaertn.								no extract
Terminalia amazonia Exell					M	M		n.a.
Terminalia amazonia Exell								no extract
Coriaria thymifolia Humb. & Bonpl. ex W					A			n.a.
Coriaria thymifolia Humb. & Bonpl. ex W								n.a.
Weinmannia brachystachya Willd. ex En					M			n.a.
Cyclanthus bipartitus Poit.								no extract
Stephanopodium longipedicellatum Prar					A			n.a.
Stephanopodium magnifolium Prance								n.a.
Stephanopodium peruvianum Poepp. &					VA			n.a.
Stephanopodium peruvianum Poepp. &								no extract
Diospyros mellinoni (Hiern) A.C.Smith					VR			n.a.
Diospyros psidioides H. B. & K.					C			0.0026
Diospyros sp.								no extract
Sloanea sp.					C	C		n.a.







































