

J. R. Sch... 5

DATE: January 13, 1954
 To: Laboratory of Chemistry of Natural Products
 From: David L. Rogerson
 Subject: Qualitative alkaloid tests

The following is a list of plant materials tested from December 7 through January 8, 1954.

<u>No.</u>	<u>Name</u>	<u>Test</u>	
		<u>Mayer's</u>	<u>Silico</u>
N-435-C	Lycoris squamigera	++	+++
N-451-B	Lycoris radiata	++	+++
N-404-B	Daubentonia punicea	++	+
N-457	Sesbania marginata	-	-
N-458	Hymenocallis sp.	++	+++
N-459	Fernettya furians	-	-
N-460	Hippeastrum sp.	++	+++
N-461	Nassella sp.	-	-
N-462	Lupinus arboreus	+++	+++
N-463	Lathyrus subandinus	-	-
N-464	Cassia sp.	-	-
N-465	Fabiana intricata	++	+
N-466	Calceolaria sp.	-	-
N-467	Nothoscordum sp.	-	-
N-468	Cassia stipulacea	-	-
N-469	Hippeastrum bicolor	++	+++
N-470	Sisyrinchium tuncum	-	-
N-471	Alophia pulchella	-	-
N-472	Sophora tetraptera	+++	+++
N-473	Adesmia sp.	-	-
N-474	Aristotelia magui	++	+++
N-475	Adesmia sp.	+	+
N-476	Lomatia hirsuta	-	-
N-477	Picalina nitida	++	+++
N-478	Vitex lucens	-	-
N-479	Metrosideros villosa	-	-
N-480	Pittosporum buehanani	-	-
N-481	Dodonea viscosa	-	-
N-482	Prinophyllum maritimum	-	-
N-483	Pinus monophylla	-	+
N-465-B	Fabiana imbricata	-	-
N-469-B	Hippeastrum bicolor	++	+++
N-484	Solanum sp.	-	-
N-485	Ephedra andina	-	-
N-486	Sophora macrocarpa	+++	+++
N-487	Gaultheria phillyreiefolia	-	-
N-488	Libertia sp.	-	-

<u>No.</u>	<u>Name</u>	<u>Test</u>	
		<u>Maver's</u>	<u>Silico</u>
N-489	Hippeastrum sp.	++	+++
N-490		-	-
N-491		-	-
N-492	Sapindus mukorossi	-	-
N-493	Chenopodium cf. haloxylon	-	-
N-494	Chenopodium suaeda	-	-
N-7-0	Rhododendron maximum	-	-
N-495	Pernettya pumila	-	-
N-496	Berberis darwinii	+++	++
N-497	Berberis pearcei	+++	+++
N-498	Berberis empetrifolia	+++	+++
N-499	Berberis heterophylla	++	++
N-500	Carex sp.	+	-
N-501	Relbunium sp. (Rubiaceae)	-	-
N-502	Lysimachia chilensis	-	-
N-503	Anagallis sp.	-	-
N-504	Cardamine sp.	-	-
N-505	Alstromeria aurantiaca	-	+
N-506	Nertera depressa	-	-
N-507	(Amaryllidaceae)	+	+++
N-451-C	Lycoris radiata	+++	+++

DATE: 16 February 1954
 TO: Laboratory of Chemistry of Natural Products
 FROM: David L. Rogerson
 SUBJECT: Qualitative alkaloid tests

The following is a list of plant materials tested from January 11 through February 1954.

<u>No.</u>	<u>Name</u>	<u>Test</u>	
		<u>Mayer's</u>	<u>Silico</u>
N-508	Peumus boldus	++	+++
N-509	Villaresia mucronata	-	-
N-510	Solanum sp.	-	-
N-511	Lobelia sp.	+++	+++
N-512	Elytropus chilensis	-	-
N-513	Desfontainea spinosa	-	-
N-514	Pernettya sp.	-	-
N-515	Griselinia jodinifolia	-	-
N-516	Senecio hualtata	-	-
N-517	Latua pubiflora	+++	+++
N-518	Lomatia ferruginea	-	-
N-519	Flotowia dicanthoides	-	-
N-520	Caldcluvia paniculata	-	-
N-455-B	Cummingia campulata	-	+
N-521	Sisyrinchium sp.	-	-
N-522	Persea lingua	+	+
N-523	Berberis sp.	+++	+
N-524	Alstromeria sp.	+	-
N-525	Crinodendron potagua	-	-
N-526	Dioscorea sp.	-	-
N-527	Tridax procumbens	-	-
N-528	Actinodaphne hookeri	+	+
N-528-B	Cassia fistula	+	-
N-83-B	Clivia miniata	+++	+++
N-529	Amaryllis sp.	++	+++

David L. Rogerson

Qualitative alkaloid tests

The following is a list of plant materials tested from February 15 through February 18, 1954.

No.	Name	Test	
		Mayer's	Silico
N-530	Dicffenbachia picta	-	-
N-183-C	Ochrosia elliptica	+++	++
N-183-D	Ochrosia elliptica	+++	+++
N-477-B	Pieralima nitida	+++	+++
N-531	Elaeocarpus sp.	++	+++
N-532-A	Mascarenhasia elastica	-	-
N-532-B	Mascarenhasia elastica	-	-
N-533	Muntingia calabura var. alba	-	-
N-534	Albizzia julibrissin-Mollis	+	-
N-535	Daubentonia drummondii	-	-
N-536	(Fabaceae)	-	-
N-537	(Fabaceae)	-	-
N-538	Acacia loeta	++	+
N-539	Acacia confusa	-	+
N-540	Acacia auriculae formis	-	-
N-541	Rheedia aristata	-	-
N-542	Congea tomentosa	-	-
N-543	Clerodendron tuberculatum	-	-
N-544	Desmodium tortuosum	-	-
N-545	Kigelia pinnata	-	-
N-546	Albizzia moluccana	-	-
N-547	Desmodium scorpiurus	-	-
N-548	Eugenia floribunda	-	-
N-549	Dillenia philippinensis	-	-
N-550	Mimusops albescens	-	-
N-551	Ehretia tinifolia	++	-
N-552	Tabebuia berterii	-	-
N-553	Ormosia monosperma	+++	+++
N-554	Colubrina ferruginosa	+	-
N-555	Mammea americana	-	-
N-556	Cassia moschata	-	-
N-262-C	Desmodium canum	+	-
N-557	Ixora acuminata	-	-
N-558	Ixora macrothyrsa	-	-

2/25/24

At present 1924

Account of [unclear] by [unclear]

Dr. J. [unclear]

Contributions [unclear]

The following is a list of [unclear] [unclear]

[unclear] [unclear]

Year	Amount	Description	Year
1924	100.00	[unclear]	1924
1925	100.00	[unclear]	1925
1926	100.00	[unclear]	1926
1927	100.00	[unclear]	1927
1928	100.00	[unclear]	1928
1929	100.00	[unclear]	1929
1930	100.00	[unclear]	1930
1931	100.00	[unclear]	1931
1932	100.00	[unclear]	1932
1933	100.00	[unclear]	1933
1934	100.00	[unclear]	1934
1935	100.00	[unclear]	1935
1936	100.00	[unclear]	1936
1937	100.00	[unclear]	1937
1938	100.00	[unclear]	1938
1939	100.00	[unclear]	1939
1940	100.00	[unclear]	1940
1941	100.00	[unclear]	1941
1942	100.00	[unclear]	1942
1943	100.00	[unclear]	1943
1944	100.00	[unclear]	1944
1945	100.00	[unclear]	1945
1946	100.00	[unclear]	1946
1947	100.00	[unclear]	1947
1948	100.00	[unclear]	1948
1949	100.00	[unclear]	1949
1950	100.00	[unclear]	1950
1951	100.00	[unclear]	1951
1952	100.00	[unclear]	1952
1953	100.00	[unclear]	1953
1954	100.00	[unclear]	1954
1955	100.00	[unclear]	1955
1956	100.00	[unclear]	1956
1957	100.00	[unclear]	1957
1958	100.00	[unclear]	1958
1959	100.00	[unclear]	1959
1960	100.00	[unclear]	1960
1961	100.00	[unclear]	1961
1962	100.00	[unclear]	1962
1963	100.00	[unclear]	1963
1964	100.00	[unclear]	1964
1965	100.00	[unclear]	1965
1966	100.00	[unclear]	1966
1967	100.00	[unclear]	1967
1968	100.00	[unclear]	1968
1969	100.00	[unclear]	1969
1970	100.00	[unclear]	1970
1971	100.00	[unclear]	1971
1972	100.00	[unclear]	1972
1973	100.00	[unclear]	1973
1974	100.00	[unclear]	1974
1975	100.00	[unclear]	1975
1976	100.00	[unclear]	1976
1977	100.00	[unclear]	1977
1978	100.00	[unclear]	1978
1979	100.00	[unclear]	1979
1980	100.00	[unclear]	1980
1981	100.00	[unclear]	1981
1982	100.00	[unclear]	1982
1983	100.00	[unclear]	1983
1984	100.00	[unclear]	1984
1985	100.00	[unclear]	1985
1986	100.00	[unclear]	1986
1987	100.00	[unclear]	1987
1988	100.00	[unclear]	1988
1989	100.00	[unclear]	1989
1990	100.00	[unclear]	1990
1991	100.00	[unclear]	1991
1992	100.00	[unclear]	1992
1993	100.00	[unclear]	1993
1994	100.00	[unclear]	1994
1995	100.00	[unclear]	1995
1996	100.00	[unclear]	1996
1997	100.00	[unclear]	1997
1998	100.00	[unclear]	1998
1999	100.00	[unclear]	1999
2000	100.00	[unclear]	2000
2001	100.00	[unclear]	2001
2002	100.00	[unclear]	2002
2003	100.00	[unclear]	2003
2004	100.00	[unclear]	2004
2005	100.00	[unclear]	2005
2006	100.00	[unclear]	2006
2007	100.00	[unclear]	2007
2008	100.00	[unclear]	2008
2009	100.00	[unclear]	2009
2010	100.00	[unclear]	2010
2011	100.00	[unclear]	2011
2012	100.00	[unclear]	2012
2013	100.00	[unclear]	2013
2014	100.00	[unclear]	2014
2015	100.00	[unclear]	2015
2016	100.00	[unclear]	2016
2017	100.00	[unclear]	2017
2018	100.00	[unclear]	2018
2019	100.00	[unclear]	2019
2020	100.00	[unclear]	2020
2021	100.00	[unclear]	2021
2022	100.00	[unclear]	2022
2023	100.00	[unclear]	2023
2024	100.00	[unclear]	2024

Laboratory of Chemistry of Natural Products

March 15, 1954

David L. Rogerson

Qualitative alkaloid tests

The following is a list of plant materials tested from February 23 through March 15, 1954.

No.	Name	Test	
		Mayer's	Silico
N-559	Ceanothus sp.	++	+
N-560	(Mistletoe)	-	-
N-561	Hymenocallis amancaes	++	+++
N-562	Stenomesson coccineum	+++	+++
N-563	Stenomesson sp.	+++	+++
N-564	Erythrina sp.	-	-
N-565	Hura crepitans	-	-
N-566	Tigridia sp.	-	-
N-567	Ficus sp.	-	-
N-568	Acacia strombilifera	-	-
N-569	Cajophora rusbi	-	-
N-570		-	-
N-571	Psychotria sp.	-	-
N-572	Bomarea sp.	-	-
N-573	Palicourea sp. (lvs & bark same test)	+++	+++
N-574	Xylopia grandiflora	++	+
N-575	(Probably - Eugenia sp.)	-	++
N-244-B	Maytenus buxifolia (bark neg.)	+++	+++
N-576	Erythroxylon alaternifolium (lvs neg.)	++	+++
N-577	Cissampelos pareirae	+++	++
N-578	Psychotria horizontalis	-	-
N-579	Genipa americana	-	-
N-580	Bumelia horrida	-	-
N-581	Desmodium adscendens	-	-
N-582	Vaccinium durum	-	-
N-583	Guettarda combsii	-	-
N-584	Mimosa catalinae	-	-
N-585	Bursera sinarouba	-	-
N-586	Clusia minor	-	-
N-587	Calyptandrum	-	-
N-588	Malpighia coccigera	-	-
N-589	Eugenia sp.	-	-
N-590	Desmodium affine	-	-
N-591	Amajona jagifolia	-	-
N-592	Psychotria sp.	-	-

* (bark a little stronger than lvs)

No.	Name	Test	
		Mayer's	Silico
N-593	Alibertia edulis	-	-
N-594	Rondeletia correifolia	-	-
N-595	Plumeria sp.	-	-
N-596	Lyonia myrtilloides	-	-
N-306-B	Eugenia rigidifolia	-	-
N-245-B	Ateleia cubensis	++	+
		(Bark ++	+
		Lvs -	-)
N-249-B	Hyperbaena columbica	++	+
N-254-C	Zanthoxylum acuniae	+	-
		(Lvs & twigs *	-
		Branches -	-)
N-261-B	Erthroxylon minutifolium	-	-
N-262-D	Desmodium canum	+	+
N-308-B	Zanthoxylum martinicensis	++	+
		(Lvs -	-
		Bark ++	+
N-349-B	Palicourea crocea *	+++	++
N-597	Zanthoxylum fagara	+	+
		(Bark +	+
		Lvs ++	+
N-266-B	Ormosia panamensis (lvs ++, +)	+++	+++
		(Seeds +++	+++
		seed pods +++	+++)
N-598	Siderocarpus flexicaulis	++	+++
		(Lvs +++	+++
		seeds & pods ++	+
N-599	Piptadenia macrocarpa	++	++
		(seed pods	+
		Lvs -	-)
N-600	Lysiloma latisilequa	++	+
		(Bark -	-
		Lvs ++	+
N-601	Sideroxylon foetidissimum	++	+
N-602	Psidium havanensis	-	-
N-603	Tetrazygia pallens	-	-
N-604	Stylosanthes viscosa	-	-
N-605	Rhytidophyllum sp.	-	-
N-606	Anacanthus sp.	-	-
N-607	Pisonia sp.	-	-
N-608	Phyllanthus orbicularis	-	-
N-609	Acuan virgatus	-	-
N-610	Eugenia cyphophloea	-	-
N-611	Pseudocalpidium wrightii	-	-
N-612	Catalpa macrocarpa	-	-

* (lvs slightly stronger than bark)

No.	Name	Test	
		Mayer's	Silico
N-613	<i>Cordia alliodora</i>	-	-
N-614	<i>Thouinia pulcherrima</i>	-	-
N-615	<i>Calyptanthes decandra</i>	-	-
N-616	<i>Mimusops bidentata</i>	-	-
N-617	<i>Wallenia laurifolia</i>	-	-
N-618	<i>Callistemon rigidus</i>	-	-
N-619	<i>Myroxylon pereirae</i>	-	-
N-620	<i>Poinciana pulcherrima</i>	-	-
N-621	<i>Chrysobolanus icaco</i> var <i>pelocarpus</i>	-	-
N-622	<i>Hibiscus elatus</i>	-	-
N-623	<i>Ficus benjamina</i>	-	-
N-624	<i>Capparis cynophallophora</i>	-	-
N-625	<i>Phyllocarpus septentrionalis</i>	-	-
N-626	<i>Misanteca triandra</i>	-	-
N-627	<i>Alibertia edulis</i>	-	-
N-628	<i>Hymenaea coubarie</i>	-	-
N-629	<i>Posoqueria latifolia</i>	-	-
N-630	<i>Jacquinia armillaris</i>	-	-
N-631	<i>Byrsonima cuneata</i>	-	-
N-632	<i>Samyda grandiflora</i>	-	-
N-633	<i>Zanthoxylum dumosum</i>	-	-
N-634	<i>Simarouba levis</i>	-	-
N-635	<i>Jacquinia aculeata</i>	-	-
N-636	<i>Rheedia</i> sp.	-	-
N-637	<i>Coccoloba</i> sp.	-	-
N-638	<i>Ouratea</i> sp.	-	-
N-274-B	<i>Cassia siamea</i>	++	+++
N-274-C	<i>Cassia siamea</i>	++	+++
N-367-B	<i>Randia sagreana</i>	(Bark +	-
		lvs & twigs -	-)
N-375-B	<i>Canella winterana</i> (bark very weak test)	(lvs +	+
		bark +	+) +
N-532-C	<i>Mascarenhasia elastica</i>	-	+
N-553-B	<i>Ormosia monosperma</i>	+++	+++
N-553-C	<i>Ormosia monosperma</i> *	(seeds & pods +++	+++
		lvs & twigs +++	+++)
N-639	<i>Pinus pinaster</i> (cones & seeds neg.)	(leaves) ++	+++)
N-640	<i>Bomarea</i> sp.	-	-
N-641		-	-
N-642		-	-
N-643		-	-
N-644		-	-
N-645		-	-
N-646		-	-

* (pods & seeds stronger)

D. Schubert

Laboratory of Chemistry of Natural Products

David L. Rogerson

Qualitative Alkaloid Tests

The following is a list of plant materials tested from March 17 through March 26, 1954

<u>No.</u>	<u>Name</u>	<u>Test</u>	
		<u>Mayer's</u>	<u>Silico</u>
N-217-B	Cassia biflora	-	-
N-262-E	Desmodium canum	++	++
	Lvs.	++	++
	Twigs	++	++
N-266-D	Ormosia panamensis	+++	+
	Seeds	+++	-
	Fods	+++	-
N-333-B	Amyris elemifera	-	-
N-372-B	Chiococca alba	-	-
N-551-C	Ehretia tinifolia	+	-
	Lvs.	-	-
	Bark	+	-
N-577-B	Cissampelos pareirae	+++	+++
	Lvs.	+++	+++
	Twigs	+++	+++
N-597-B	Zanthoxylum fagara	+	+
	Bark	+	+
	Lvs.	++	+
N-598-B	Siderocarpus flexicaulis	++	+++
	Lvs.	++	+++
	Bark	++	+++
N-600-B	Lysiloma latisiliqua	-	-
	Bark	-	-
	Branches	-	-
N-601-B	Sideroxylon foetidissimum	-	-
	Bark	-	-
	Lvs., twigs	+	-
N-669-B	Rourea globra	-	-
N-718	Pinus caribaea	-	-
N-719	Plenia sp.	-	-
N-720	Pouteria domingensis	-	-
N-721	(Amaranthaceae)	-	-
N-722	Rondeletia odorata	-	-
N-723	Annona bullata	++	++
	Bark	++	+
	Lvs.	++	+
N-724	Hippocratea sp.	-	-
N-725	Cyrilla sp.	-	-
N-726	Hebestigma cubensis	-	-
N-727	Maytemus phyllanthoides	+++	+++
	Bark	-	-
	Lvs.	+++	+++

No.	Name	Test	
		Mayer's	Silico
N-728	Serjania sp.	-	-
N-729	Pinus tropicalis	-	-
N-730	Dichrostachys nutans	-	-
		Lvs.	-
		Pods	-
N-731	Ateleia apetala	-	-
N-732	<i>Pithecellobium tortum</i>	+	+
N-733	Laonabo sp.	-	-
N-734	Gliricidia sepium	-	-
N-735	Cajalbanecia sp.	-	-
N-736	Guettarda sp.	-	-
N-737	Bauhinia sp.	-	-
N-738	Eugenia rigidula	-	-
N-739	Eugenia sp.	-	-
N-740	Euterolobium cydocarpum	-	-
N-741	Croton sagraeanum	+++	+++
		Bark	-
		Lvs., twigs	+
N-742	Eugenia galalonensis	-	-
N-743	Desmodium apillare	-	-
N-744	Spermacoce sp.	-	-
N-745	Icocorea paniculata	-	-
N-746	Eugenia megacephala	-	-
N-747	Bumelia roigii	-	-
N-748	Cneorum sp.	-	-
N-749	Eugenia sp.	-	-
N-750	Calyptranthes cubensis	-	-
N-751	Palicourea sp.	+++	+++
N-752	Calyptranthes carolae	-	-
N-753	Psychotria costivenia	-	-
N-754	<i>Cuvrodendron martii?</i>	-	-
N-755	Schoeffia cainioides	-	-
N-756	Eugenia ligustrina	-	-
N-757	Clerodendron sp.	-	-

A. Schubert

Laboratory of Chemistry of Natural Products

March 31, 1954

David L. Rogerson

Qualitative alkaloid tests

The following is a list of plant materials tested from March 16 through March 26, 1954.

No.	Name		Test	
			Mayer's	Silico
N-647	<i>Crinum powellii</i> alba		+++	+++
N-648	<i>Crinum moorei</i>		+++	+++
N-244-C	<i>Maytenus buxifolia</i>	Bark	-	-
		Lvs.	+++	+++
N-245-C	<i>Ateleia cubensis</i>	Bark	-	-
		Lvs.	-	-
N-266-C	<i>Ormosia panamensis</i>		+++	+++
N-275-B	<i>Zanthoxylum elephantiasis</i>	Bark	++	-
		Lvs.	-	-
N-353-B	<i>Hamelia patens</i>	Bark	++	+
		Lvs.	+++	+++
N-376-B	<i>Zanthoxylum pimpinelloides</i>	Bark	-	-
		Lvs.	-	-
N-551-B	<i>Ehretia tinifolia</i>		-	-
N-553-D	<i>Ormosia monosperma</i>	Bark	+++	+++
		Pods	+++	+++
		Lvs.	+++	++
N-649	<i>Spathelia</i> sp.		-	-
N-650	<i>Bucida</i> sp.		++	+
		Lvs.	+++	++
		Bark	-	-
N-651	<i>Callicarpa</i> sp.		-	-
N-652	<i>Maba crassinervis</i>	Lvs.	-	-
		Bark	-	-
N-653	<i>Rondeletia camarioca</i>		-	-
N-654	<i>Cameraria latifolia</i>		-	-
N-655	<i>Annona sclerophylla</i>		++	+++
		Lvs.	+	++
		Bark	+++	+++
N-656			-	-
N-657	<i>Bunchosia leonis</i>		-	-
N-658	<i>Ravenia leonis</i>		-	-
N-659	<i>Eugenia</i> sp.		-	-
N-660	<i>Eugenia clarensis</i>		-	-
N-661	<i>Calyptranthus</i> sp.		-	-

No.	Name	Test	
		Mayer's	Silico
N-662	Erythroxylon longipes	++	+++
	Bark	++	+++
	Lvs.	++	+++
N-663	Palicourea sp.	-	-
N-664	Clerodendron aculeatum	-	-
N-665	Zanthoxylum sp.	+	+
N-666	Cosearia sylvestre	-	-
N-667	Varronia sp.	-	-
N-668	Cosearia sp.	-	-
N-669	Rourea glabra	-	-
N-670	(Rhamnaceae)	-	-
N-671	Rheedia aristata forma	-	-
N-672	Dendrophthora sp.	-	-
N-673	Pera bumelifolia	-	-
N-674	Andira inermis	-	-
N-675	Pithecolobium sp.	-	-
N-676	Erythroxylon rotundifolium	++	+++
	Bark	++	+++
	Lvs. & twigs	-	-
N-677	Hyperbaena litoralis	++	++
	Bark	-	-
	Lvs.	++	++
N-678	Eugenia buxifolia	-	-
N-679	Neea sp.	-	-
N-680	Shefleria frutescens	-	-
N-681	Caesalpinia vesicaria	-	-
N-682	Phaseolus erectus	-	-
N-683	Borreria sp.	-	-
N-684	Diodia sp.	++	+
N-685	Ichthyomethia sp.	-	-
N-686	Thouinia sp.	-	-
N-687	Eugenia sp.	-	-
N-688	Mimosa sp.	-	-
N-689	Hyperbaena sp.	+++	+++
N-690	Caesalpinia sp.	-	-
N-691	Elaeocarpus siamens	-	-
N-692	Lantana involucrate	-	-
N-693	Muntingia calabura	-	-
N-694	Securidaca virgata	-	-
N-695	Eugenia sp.	-	-
N-696	Catesbaea nana	-	-
N-697	Securidaca sp.	-	-
N-698	Coccoloba sp.	-	-
N-699	Symplocos sp.	-	-
N-700	Ariachne sp.	-	-
N-701	Psidium minutifolium	-	-
N-702	Eugenia sp.	-	-
N-703	Eugenia axillaris	-	-
N-704	Caesalpinia sp.	-	-
N-705	Pictetia marginata	-	-
N-706	Guettarda sp.	-	-

<u>No.</u>	<u>Name</u>	<u>Test</u>	
		<u>Mayer's</u>	<u>Silico</u>
N-707	Coccoloba sp.	-	-
N-708	Chiococca sp.	-	-
N-709	Psidium sp.	-	-
N-710	Annona sp.	++	+
	Bark	++	+
	Lvs.	+	+
N-711	Guettarda ferruginea	-	-
N-712	Exostemma stenophylla	-	-
N-713	Psychotria sp.	-	-
N-714		-	-
N-715	Plumeria sp.	-	-
N-716	Exostemma caribaea	-	-
N-717	Psychotria sp.	+++	+++
	Bark	-	-
	Twigs-lvs.	+++	+++

Dr. Schubert

Laboratory of Chemistry of Natural Products

David L. Rogerson

Qualitative alkaloid tests.

The following is a list of plant material tested March 29 through May 28, 1954.

NO.	NAME	TESTS	
		Mayer's	Silico
N-758		-	-
N-759	Solanum sp.	-	+
N-760	(Curcubitaceae)	-	+
N-761	Solanum verbascifolium	-	-
N-762		+	-
N-763	Solanum nigrum	*	+
N-764	Solanum xanthocarpum	-	-
N-7-P	Rhododendron maximum	Glycoside material	
N-139-B	Hymenocallis littoralis	*	+++
N-481-B	Dodonaea viscosa	-	-
N-528-B	Actinodaphne hookeri	+++	+++
N-765	Hymenocallis sp.	++	+++
N-766	Tanahinia veninifera	-	-
N-767	Ruta graveolens	+	-
N-768	Randia sp.	-	-
N-769		-	-
N-770	(Amaryllidaceae)	++	+++
N-771	(Euphorbiaceae)	-	-
N-772		-	-
N-773		-	-
N-774		-	-
N-775		-	-
N-776		-	-
N-777		-	-
N-778		+	+
N-779	Tradescantia sp.	-	-
N-780		+++	+++
N-781		-	-
N-782		-	-
N-783	(Melastomaceae)	-	-
N-784		-	-
N-785		-	-
N-786	Inga sp.	-	-
N-787	(Melastomaceae)	-	-
N-788	Calceolaria sp.	-	-
N-789	Galvesia sufraticosa	-	-
N-790	Loasa sp.	-	-

NO.	NAME	TESTS	
		Mayer's	Silico
N-791	Schinus molle	-	-
N-792	Lobelia decurrens	++	+++
N-793	Cordia sp.	-	-
N-794	Helianthus sp.	-	-
N-795	Trinus sp.	+(Weak)	+ (Weak)
N-796	Dunalia campanulata	-	-
N-797	Maltheria americana	-	-
N-798	Lantana sp.	-	-
		Glycoside material	
N-397-B	Lyonia mariana	++	+
N-799	Lunasia amara		
N-49-B	Agapanthus umbellatus	-	-
N-940	Crinum longifolium	+++	+++
N-941	Nerine sp.	++	+++
N-942	Urginea sp.	-	-
N-943	Agapanthus orientalis	-	-
N-944	Panoratum sp.	+++	+++
N-945	Agapanthus hollandi	-	-
N-946	Nerine appendiculata	+++	+++
N-947	Zephyranthes sp.	++	++
N-948	Hymenocallis sp.	++	+
N-949	Hymenocallis sp.	++	++
N-950	Ornithogalum sp.	-	-
N-951	Haemanthus puniceus	+++	+++
N-952	Drinia sp.	++	++
N-953	Hymenocallis rotata	++	+++
N-954	Panoratum sp.	++	+++
N-955	Agapanthus orientalis	-	-
N-956	Agapanthus pendulus pendulus	-	-
N-957	Afresonum sp.	-	-
N-958	Fremurus sp.	-	-
N-959	Haemanthus albiflos	++	+++
N-960	Panianta peruviana	++	+++
N-961	Hymenocallis sp.	+++	+++
N-962	Zephyranthes sp.	++	+++
N-963	Urginea sp.	-	-
N-964	Hymenocallis houdishel	+++	+++
N-965	Ornithogalum sp.	-	-
N-966	Crinum crubescens	++	+++
N-967	Amaryllis sp.	++	+++
N-968	Furcraea sp.	-	-
N-969	Chlorogalum pomeridianum	-	-
N-970	Oxalis tuberosa	-	-
N-323-B	Piptadenia peregrina	+++	+++
N-407-C	Lespedeza hirsuta	++	+
N-971	Amsonia ciliata	+++	+++
		Glycoside material	
N-206-B	Rhododendron ponticum	-	-
N-972	Agapanthus inaperbis	-	-
N-973	Polyalthia longifolia	-	+(WEAK)

NO.	NAME	TESTS	
		Mayer's	Silico
N-12-G	<i>Kalmia latifolia</i>		Glycoside material
N-12-H	<i>Kalmia latifolia</i>		Glycoside material
N-974	<i>Populus deltoides</i>	-	-
N-975	<i>Ceanothus americanus</i>	-	+
N-976	<i>Hippeastrum</i> sp.	++	+++
N-977	<i>Hippeastrum deflexum</i>	++	+++
N-978	<i>Hippeastrum</i> sp. (Yellow flwrs.)	++	+++
N-979	<i>Hippeastrum</i> sp. ("Polla-Polla")	-	+
N-980	<i>Hippeastrum</i> sp. (Red flwrs.)	+++	+++
N-981	<i>Asphodelus</i> sp.	-	-
N-982	<i>Eryngium paniculatum</i>	-	-
N-983	<i>Cynoglossum officinale</i>	-	-
N-984	<i>Acacia decurrens</i>	-	-
N-985	<i>Ixiolirion</i> sp.	-	+ (Weak)
N-986	<i>Populus heterophylla</i>	-	-

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Laboratory of Chemistry of Natural Products.

David L. Rogerson

Qualitative Alkaloid Tests.

The following is a list of plant material tested June 7-15, 1954.

<u>NUMBER</u>	<u>NAME</u>	<u>TESTS</u>	
		<u>MAYER'S</u>	<u>SILICO</u>
N-800		-	-
N-801	Lantana sp.	-	-
N-802		-	-
N-803		-	-
N-804		++	+++
N-805		-	-
N-806		-	-
N-807	(Melastomaceae)	-	-
N-808		-	-
N-809	(Compositae)	-	-
N-810		-	-
N-811	(Piperaceae)	-	-
N-812	(Gesneriaceae)	++	++
N-813		-	+
N-814	(Compositae)	-	-
N-815		-	-
N-816		++	++
N-817		-	+
N-818		-	-
N-819		-	-
N-820		-	-
N-821		-	-
N-822		-	-
N-823		-	-
N-824		-	-
N-825	Heliconia sp.	-	-
N-826		-	-
N-827		-	-
N-828	(Asclepiadaceae)	-	-
N-829	Peperomia sp.	-	-
N-830		-	-
N-831	Dioscorea sp.	-	-
N-832	(Compositae)	-	-
N-833	(Bromeliaceae)	-	-
N-834		-	-
N-835	(Cucurbitaceae)	-	-
N-836	(Compositae)	-	-
N-837	Tephrosia sp.	-	-
N-838		-	-
N-839	Crotalaria sp.	+++	+++
N-840		-	-

<u>NUMBER</u>	<u>NAME</u>	<u>TESTS</u>	
		<u>MAYER'S</u>	<u>SILICO</u>
N-841		-	-
N-842		+	+
N-843		-	-
N-844		-	-
N-845		-	-
N-846	(Melastomaceae)	-	-
N-847		-	-
N-848	(Bromeliaceae)	-	-
N-849		-	-
N-850	(Malvaceae)	-	-
N-851		-	-
N-852		-	-
N-853	-	-	+++
N-854		-	-
N-855	(Melastomaceae)	-	-
N-856		-	-
N-857		-	-
N-858		-	-
N-859	Clusia sp.	-	-
N-860	Cenothera sp.	-	-
N-861		+	-
N-862		++	++
N-863		-	-
N-864		-	-
N-865		-	-
N-866		-	-
N-867		-	-
N-868		-	-
N-869		-	-
N-870		-	-
N-871		-	-
N-872		***	+++
N-873	Indigofera sp.	-	-
N-874		-	-

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Laboratory of Chemistry of Natural Products.

July 7, 1954.

David L. Rogerson.

Qualitative Alkaloid tests.

The following is a list of plant material tested June 16 thru July 6, 1954.

NO.	NAME	TEST	
		MAYER'S	SILICO
N-875		-	-
N-876		-	-
N-877		-	-
N-878	Phytolacca sp.	-	-
N-879		+	-
N-880	Woinmannia sp.	-	-
N-881		-	-
N-882		-	-
N-883		-	-
N-884	Ficus sp.	-	-
N-885		-	-
N-886		-	-
N-887		-	-
N-888		++	++
N-889		-	-
N-890		-	-
N-891		-	+++
N-892		-	-
N-893		-	-
N-894		-	-
N-895	(Rubiaceae ?)	-	-
N-896		-	-
N-897		-	-
N-898		+	+
N-899	(Melastomaceae)	-	-
N-900		-	-
N-901		++	+
N-902	(Piperaceae)	++	++
N-903		-	-
N-904		+++	+++
N-905		-	-
N-906		-	-
N-907		-	-
N-908	(Cucurbitaceae)	-	-
N-909		+++	+++
N-910		+	+
N-911		-	-
N-912		-	-
N-913		+++	+++
N-914		-	-
N-915	(Solanaceae)	+	+

<u>NO.</u>	<u>NAME</u> N	<u>TEST</u>	
		<u>MAYER'S</u>	<u>SILICO</u>
N-916		++	++
N-917		-	-
N-918	(Malvaceae)	-	-
N-919	(Solanaceae)	+++	+++
N-920		+++	+++
N-921		+	+++
N-922		-	-
N-923		-	-
N-924		-	-
N-925		-	-
N-926	Bixa orellana	-	-
N-927		-	-
N-928		++	++
N-929		-	-
N-930		-	-
N-931		-	-
N-932		-	-
N-933		+++	+++
N-934		+	+
N-935		+	-
N-936	Begonia sp.	-	-
N-937		-	-
N-938		-	-
N-939		-	-
N-16-B	Abrus precatorius	+	-
N-16-C	Abrus precatorius	+	+
N-397-C	Lyonia mariana	No tests	
N-599-B	Piptadenia macrocarpa	+++	+++
N-599-C	Piptadenia macrocarpa	++	+++
N-987	Malus coronaria	-	-
N-988	Geranium maculatum	-	-
N-989	Menispermum canadense	+++	+++
N-990	Rhododendron japonicum	No tests	
N-991	Rhododendron luteum	No tests	
N-992	Magnolia grandiflora	+++	+++
N-993	(Apocynaceae)	+++	+++
N-994	Mallotus philippensis	-	-
N-995	Fumaria parviflora	+++	+++
N-996	Asphodelus sp.	-	-
N-997	Dolichos biflorus	-	-
N-998	Piptadenia rigida	+++	+++

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Laboratory of Chemistry of Natural Products

September 2, 1954

David L. Rogerson

Qualitative alkaloid tests

The following is a list of plant material tested August 1 through September 2, 1954.

<u>NO.</u>	<u>NAME</u>	<u>TEST</u>	
		<u>MAYER'S</u>	<u>SILICO</u>
N-183-E	Ochrosia elliptica	+++	+++
N-215-B	Cassia occidentalis	-	-
N-351-D	Vinca rosea	+++	+++
N-382-B	Hymenocallis occidentalis	++	+++
N-407-D	Lespedeza hirta	+	+++
N-474-B	Aristottelia macqui	++	+++
N-474-C	Aristotelia macqui	+++	+++
N-509-B	Villaresia mucronata	-	-
N-509-C	Villaresia mucronata	-	-
N-544-B	Desmodium tortuosum	-	-
N-999	Withania coagulans	+	+
N-1000	Magnolia acuminata	-	-
N-1001	Rhododendron calendulaceum	-	-
N-1002	Croton sp.	++	++
N-1003	Lespedeza capitata	-	-
N-1004	Lespedeza sturvei	-	-
N-1005	Rhododendron canescens	-	-
N-1006	Solanum indicum	(Stems) +++	+++
		(Lvs.) ++	+++
N-1007	Lythrum hyssopifolia	+++	++
N-1007 B	Lythrum hyssopifolia	+++	++
N-1007-C	Lythrum hyssopifolia	++	++
N-1008	Physalis angulata	-	-
N-1009	Rhododendron canadense	-	-
N-1010	Leiophyllum buxifolium	-	-
N-1011	Nerium oleander	-	-

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Laboratory of Chemistry of Natural Products

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Qualitative Alkaloid Tests.

The following is a list of plant material tested September 3, 1954 through October 25, 1954.

<u>NO</u>	<u>NAME</u>	<u>TESTS</u>	
		<u>MAYER'S</u>	<u>SILCO</u>
N-7-Q	Rhododendron maximum	Not Tested	
N-351-E	Vinca rosea	+++	-
N-435-D	Lycoris squamigera	++	+++
N-1007-D	Lythrum hyssopifolia	++	++
N-1012	Glothidium ^r visicarium ^e	-	-
N-1013	Leonotis nepetaefolia	-	-
N-1014	Baccharis halimifolia	-	-
N-1015	Sesbania emerus	-	-
N-1016	Lythrum lineare	+	-
N-1017	Menziesia pilosa	-	-
N-1018	Lantana aculeata	-	-
N-1019	Galanthus nivalis	+++	+++
N-1020	Baccharis angustifolia	-	-
N-1021	Lythrum lanceolatum	+++	+++
N-1022	Lythrum salicaria	-	-
N-1023	Epigaea repens	-	-

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Qualitative Alkaloid Tests

The following is a list of plant material tested October 26, through December 3, 1954.

<u>NO</u>	<u>NAME</u>	<u>TEST</u>	
		<u>MAYER'S</u>	<u>SILICO</u>
N-139-C	Hymenocallis littoralis	-	-
N-176-B	Anoiganthus breviflorus	+++	+++
N-219-B	Lephocereus schottii	+++	+++
N-351-F	Vinca rosea	+++	+++
N-421-C	Albizzia julibrissin	-	-
N-964-B	Hymenocallis houdyshel	+++	+++
N-1021-B	Lythrum lanceolatum	+	+
N-1022-B	Lythrum salicaria	-	-
N-1024	Eremurus sp.	-	-
N-1025	Furcraea sp.	-	-
N-1026	Physalis sp.	+	+
N-1027	Orthodon linalooliferum	+	+(V. slight).
N-1028	Orthodon carvoniferum	-	-
N-1029	Methysticodendron amesianum	+++	+++
N-1030	Vigna sinensis	-	-
N-1031	Crinum sp.	+++	+++
N-1032	Crinum sp.	+++	+++
N-1033	Bravoa geminiflora	-	-
N-1034	Haemanthus andromeda	+++	+++
N-1035	Sandersonia aurantica	-	-
N-1036	Corokia cotoneaster	-	-
N-1037	Galanthus sp.	+	++
N-1038	Brunsvigia sp.	+++	+++
N-1039	Herpestis monniera	-	-
N-1040	Dendrobium macraei-lidl	-	-
N-1041	Hydrocotyle asiatica	-	-
N-1042	Evelulus alsinoides	-	-
N-1043	Eclipta alba	-	-
N-1044	Leptadenia reticulata	-	-
N-1045	Amaryllis	+++	+++
N-1046	Acorus calamus	-	-
N-1047	Incarvillea grandiflora	+++	+++
N-1048	Incarvillea variabilis	+++	+++
N-1049		-	-
N-1050	Casimiroa edulis	+	+(V. weak)
N-1051	Wilcoxia mariana	-	-
N-1052	Centaurea sp.	-	-
N-1053	Rivinia humilis	-	-
N-1054	Billardia longiflora	-	-

DATE: December 4, 1953
 To: Laboratory of Chemistry of Natural Products
 From: David L. Rogerson
 Subject: Qualitative alkaloid tests

The following is a list of plant materials tested from November 9, 1953 to December 4, 1953.

No.	Name	Test	
		Mayer's	Silico
N-426	Leucocoryne sp.	-	-
N-427	Leucocoryne sp.	-	-
N-428		-	-
N-429	Algyllia sp.	-	-
N-430		++	+++
N-431		+++	+++
N-432	Narcissus pseudo-narcissus (King)	++	+++
N-433	Narcissus pseudo-narcissus (Alfred)	++	+++
N-434	Bignonia capreolata	-	-
N-435	Lycoris squamigera	+++	+++
N-435-E	Lycoris squamigera	++	+-
N-436	Adesmia sp.	-	-
N-437	Adesmia pungens	-	-
N-438	Solanum pinnatum	-	-
N-439	Conanthera bifolia	-	-
N-440	Cassia sp.	-	-
N-441	Acacia cavenia	-	-
N-442	Tweedia sp.	-	-
N-443	Lobelia tupa	+++	+++
N-444	Adesmia arborea	-	-
N-445	Lupinus microcarpus	+++	+++
N-446	Muhlenbeckia chilensis	-	-
N-447	Fuchsia lycioides	-	-
N-448	Astragalus procumbens	-	-
N-449	Cestrum parquii (bark)	-	-
	" " (leaves)	-	-
N-450	" " (magic root)	-	-
N-451	Lycoris radiata	+++	+++
N-452	Atafia sp. <i>Ammania multiflora</i>	-	-
N-453	Craspidospermum <i>verticillatum</i>	-	-
N-454	Mascarenhasia sp. <i>Tabernaemontana</i>	+++	+++
N-455	Cunningia campulata	-	+
N-456	<i>anul</i>	-	-

? *Vanqueria edulis*

G. Schubert

Laboratory of Chemistry of Natural Products

David L. Rogerson

Qualitative alkaloid tests.

The following is a list of plant material tested December 6 - 23, 1954.

<u>NUMBER</u>	<u>NAME</u>	<u>TESTS</u>	
		<u>MAYER'S</u>	<u>SILICO</u>
N-421-D	<i>Albizzia julibrissin</i>	-	-
N-766-B	<i>Tanghinia venenifera</i>	-	+
	(Seeds & pods)	-	(Wk.)
	(Seeds)	+++ (Wk)	+
N-1050-B	<i>Casimiroa edulis</i>	+	+
N-1055	<i>Juniperus californica</i>	-	-
N-1056	<i>Quamoclidion multiflorum</i>	+(Wk)	+(Wk)
N-1057	<i>Coriaria japonica</i>	-	-
N-1058	<i>Damcanthus indicus</i>	-	-
N-1059	<i>Woodfordia fruticosa</i>	-	-
N-1060	<i>Turnera diffusa</i>	-	-
N-1061	<i>Hibiscus sabdariffa</i>	-	-
N-1062	<i>Abelmoschus esculentus</i>	-	-
N-1063	<i>Loeselia mexicana</i>	-	-
N-1064	<i>Brosimum alicastrum</i>	+	++
N-1065	<i>Phalaris canariensis</i>	-	-
N-1066	<i>Colchicum autumnale</i>	-	-
N-1067		-	-
N-1068	<i>Ormosia krugii</i>	+++	+++
<u>SPECIAL TESTS</u>			
N-266	<i>Ormosia panamensis</i>	(Bark) +++	+++
		(Leaves) +++	+++
		(Leaves weaker than bark).	

W. G. Schubert

Laboratory of Chemistry of Natural Products

January 19, 1955.

David L. Rogerson

Qualitative Alkaloid Tests.

The following is a list of plant material tested December 27, 1954 through January 19, 1955.

<u>NUMBER</u>	<u>NAME</u>	<u>TESTS</u>	
		<u>MAYER'S</u>	<u>SILICO</u>
N-517-B	<i>Latua pubiflora</i>	+++	+++
N-1069	<i>Heisteria pallida</i>	+	+
N-1068-B	<i>Ormosia krugii</i>		
	Bark	+++	+++
	Leaves and stems	+++	+++
N-1070	<i>Galanthus</i> sp.	+++	+++
N-2041-A	<i>Laugeria resinosa</i>	+	+
N-2073-A	<i>Hernandia sonora</i>		
	Fruit	+++	+++
	Leaves	+++	+++
N-2074-A	<i>Cassia</i> sp.	+++	+++

Dr. Schubert

Laboratory of Chemistry of Natural Products

February, 18, 1955.

David L. Rogerson

Qualitative Alkaloid Tests

The following is a list of plant material tested January 20 - February 18, 1955.

<u>NUMBER</u>	<u>NAME</u>		<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-1071	Pithecellobium flexicaule		+++	+++
N-1072	Piptadenia paniculata		+	-
N-1073	Sapium sebiferum		-	-
N-16-D	Abrus precatorius		+	+
N-266-E	Ormosia panamensis	Seeds	+++	+++ (Best)
		Pods	+++	+++
N-323-C	Piptadenia peregrina	Seeds	+++	+++
		Pods	+++	+++
N-599-D	Piptadenia macrocarpa	Seeds	+++	+++
		Pods	+++	+++
N-1019-B	Galanthus nivalis		++	+++
N-2003-A	Piptadenia peregrina	Seeds & pods	+++	+++
		Leaves	-	-
N-2025-A	Hamelia sp. <i>Psychotria</i>	Bark	+(Wk)	+
	<i>grandis</i>	Stems	+(Wk)	+(Wk)
N-2050-A	Tupa sp.		+++	+++
N-2057-A	Ocotea sp.		+++	+++
N-2193-A	Hillia parasitica		++	+
N-2231-A	Tupa sp.		+++	+++
	Cassia siamea		+++	+++

S. Schubert

Dr. E.C. Horning

March 29, 1955

David L. Mogerson

Qualitative Alkaloid Tests

The following is a list of plant material tested February 21, 1955 -
March 25, 1955.

<u>NUMBER</u>	<u>NAME</u>		<u>TESTS</u>	
			<u>Mayer's</u>	<u>Silico</u>
N-28-B	<i>Brunsvigia rosea</i>		++	+++
N-382-C	<i>Hymenocallis occidentalis</i>		++	+++
N-2003-B	<i>Piptadenia peregrina</i>	seeds	++	+++
		Pods	++	+++
N-183-F	<i>Ochrosia elliptica</i>	Lvs & stems	+++	+++
		Fruit	+	+
N-235-B	<i>Pinus attenuata</i>		-	-
N-236-B	<i>Pinus coulteri</i>		++	+++
N-237-B	<i>Pinus muricata</i>		-	-
N-238-B	<i>Pinus radiata</i>		-	+
N-1074	<i>Pinus remorata</i>		-	++
N-108-B	<i>Xysmalobium undulatum</i>		-	-
N-1006-B	<i>Solanum indicum</i>		++	+
N-1075	<i>Solanum khasianum</i>		+	+
N-1076	<i>Bignonia</i> sp.		-	-
N-1077	<i>Bignonia</i> sp.		-	-
N-1078	<i>Caesalpinia coriaria</i>		-	-
N-1079	<i>Bryophyllum</i> sp.		-	-

Dr. Schubert

Dr. E.C. Horning

May 16, 1955.

David L. Rogerson

Qualitative Alkaloid tests

The following is a list of plant material tested March 28 - May 13, 1955.

<u>NUMBER</u>	<u>NAME</u>		<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-421-E	Albizia julibrissin	seeds & pods	-	-
N-7-R	Rhododendron maximum	leaves & stems	Not Conducted	
N-971-B	Amsonia ciliata	plant	+++	+++
N-1080	Lyonia ferruginea	leaves & stems	-	-
N-2050-B	Tupa sp.	leaves & stems	++	+
N-2237-B	Cassia siamea	leaves & stems	+++	+++ (*)
N-1081	Vinca rosea	plant	+++	+
N-1068-C	Ormosia krugii	Bark	+++	+++
		Wood	+++	+++
		Seeds	+++	+++
		Pods	+++	+++
		Bark (girdled tree)	+++	+++
		leaves	+++	+++
X/N-7-S	Rhododendron maximum	Leaves and stems	Not conducted.	

(*)NOTE: N-2237-B was tested with equipment which will be used in the field. That is, no electrical equipment or facilities were employed which will not be present under field conditions.

Jr. Schubert

Laboratory of Chemistry of Natural Products

David L. Rogerson

Qualitative Alkaloid Tests

The following is a list of plant material tested August 1 - 31, 1955.

<u>NUMBER</u>	<u>NAME</u>		<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-16-E	<i>Abrus precatorius</i>	Leaves	-	-
N-535-B	<i>Daubentonia drummondii</i>	Seed pods	-	-
N-599-E	<i>Piptadenia macrocarpa</i>	LEAVES	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX
		Leaves	-	-
N-1088	<i>Ochrosia sandwicensis</i>	Leaves & bark	+++	+++
N-1089	<i>Befaria racemosa</i>	Leaves & stems	++	++
N-1090	<i>Vaccinium myrsinites</i>	Leaves & stems	-	-
N-1091	<i>Piptadenia sp.</i>	Seed pods	+	-
		Leaves	-	-
N-1092	<i>Ormosia sp.</i>	Pods	+++	+++
		Leaves	+++	+++
N-1093	<i>Ormosia avilensis</i>	Seeds	+++	+++
N-1094	<i>Ormosia macrophylla</i>	Seeds	+++	+++
N-1095	<i>Ormosia tovarensis</i>	Seeds	+++	+++
N-1096	<i>Mucuna sp.</i>	Leaves & stems	-	-
N-1262	<i>Vaccinium sp.</i>	Leaves & stems	-	-
N-1263	<i>Vaccinium sp.</i>	Leaves & stems	-	-
N-1266	<i>Vaccinium sp.</i>	Leaves & stems	-	-
N-1268	<i>Vaccinium consanguineum</i>	Stems	-	-
N-1269	<i>Arctostaphylos sp.</i>	Lvs. & flwr. hd.	--	-
N-1273	<i>Vaccinium consanguineum</i>	Leaves & stems	-	-
N-1296-A	<i>Zanthoxylum melanostictum</i>	Lvs. & bran.	+++	+++
N-1296-B	<i>Zanthoxylum melanostictum</i>	Bark	+++	+++
		Stems	+++	++
N-1390-A	<i>Hamelia sp.</i>	Lvs, stems, flwr.	+++	+++
		Bark	+++	+++
N-1410-A	<i>Palicourea sp.</i>	Lvs, stems, flwr.	+	+++
		Bark	+	+
N-1412-A	<i>Mollinedia sp.</i>	Leaves	++	+
		Bark	+	+
N-1419-A	<i>Siparuna sp.</i>	Leaves	+	+
		Test repeated	+	+++
N-1423-A	<i>Ocotea sp.</i>	Lvs. & twigs	+	-
N-1439	<i>Erythrina costarricensis</i>	Leaves & stems	+	+
		Seeds	+++	+++
N-1458-A	<i>Hamelia sp.</i>	Leaves & stems	+	-

H. Schubert

LABORATORY OF CHEMISTRY OF NATURAL PRODUCTS

David L. Rogerson

Qualitative alkaloid tests.

The following is a list of plant material tested September 1 - October 20, 1955.

<u>NUMBER</u>	<u>NAME</u>		<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-1097	Ormosia sp.	seeds	+++	+++
N-1098	Ormosia sp.	seeds	+++	+++
N-1099	Ormosia sp.	seeds	+++	+++
N-1100	Ormosia sp.	seeds	+++	+++
N-1101	Ormosia sp.	seeds	+++	+++
N-1102	Euchresta japonica	root bark	+++	+++
		root wood	-	-
N-1103	Ismene sp.	bulbs	+(++)	+(++)
N-1104	Ormosia sp.	seeds	+++	+++
N-416-B	Ormosia coccinea	seeds	+++	+++

B.65

LABORATORY OF CHEMISTRY OF NATURAL PRODUCTS

David L. Rogerson.

QUALITATIVE ALKALOID TESTS

The following is a list of plant material tested October 21 - November 18, 1955.

<u>NUMBER</u>	<u>NAME</u>	<u>MATERIAL TESTED</u>	<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-9-C	Melia azederach	Plant	+++	+++
N-535-C	Daubentonia drummondii	Seeds & pods	-	-
N-966-B	Crinum erubescens	Bulbous plant	+++	+++
N-1006-C	Solanum indicum	Plant	+	-
N-1012-B	Glottidium vesicarium	Seeds & pods	-	-
N-1105	Ammi copticum	Plant	+	-
N-1106	Centrantherum muticum	Plant	+	-
N-1107	Eurya kanohirai	Plant	-	-
N-1108	Crinum buphancoides	Bulbous plant	+	+++
N-1109	Cordia abyssinica	Plant	-	-
N-1110	Melicope swadan	Plant	-	-

A. Schubert

Laboratory of Chemistry of Natural Products

December 30, 1955

David L. Rogerson

Qualitative Alkaloid Tests

The following is a list of plant material tested November 21 through December 30, 1955.

<u>NUMBER</u>	<u>NAME</u>	<u>Material Tested</u>	<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-648-B	Crinum moorei	Seeds	+++	+++
N-1019-C	Galanthus nivalis	Bulb	+++	+++
N-1111	"Yundo"	Lvs. & Stems	+	+++
N-1112	"Malt"	Shredded malt	+	+++
N-1113	Amaryllis belladonna (Hybrid)	Bulb	+++	+++
N-1113-B	Amaryllis belladonna (Hybrid)	Seeds	+++	+++
N-1114	Crinum powellii	Bulb & lvs.	+++	+++

A. Schubert

Laboratory of Chemistry of Natural Products

April 18, 1956

David L. Rogerson

Qualitative Alkaloid Tests

The following is a list of plant material tested January 1 through April 18, 1956.

<u>NUMBER</u>	<u>NAME</u>	<u>MATERIAL TESTED</u>	<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-16-F	<i>Abrus precatorius</i>	Seeds	-	-
N-382-E	<i>Hymenocallis occidentalis</i>	Bulbs	-	+++
N-799-B	<i>Lunasia amara</i>	Leaves	+++	++
		Bark	+++	++
N-971-D	<i>Amsonia ciliata</i>	Plant	+++	+++
N-1115	"Honey Locust"	Seeds	-	-
		Pods	-	-
N-1116	<i>Ormosia</i> sp.	Seeds	+++	+++
		Bark	+++	+++
N-1117	<i>Ochrosia</i> sp.	Leaves	+++	+++
N-1118	<i>Ruellia tuberosa</i>	Plant	-	-
N-1119	<i>Amsonia rigida</i>	Plant	+++	++
N-1119-B	<i>Amsonia rigida</i>	Plant	+++	++
N-1120	<i>Crinum americanum</i>	Plant (Bulbous)	++	+++
N-1482	<i>Hamelia</i> sp.	Bark	+++	+
N-1483	<i>Siparuna</i> sp.	Leaves	++	+
		Bark	++	+++
N-1484	<i>Ocotea</i> sp.	Bark	+++	+++
N-1485		Leaves & Stems	(+)	-
N-1486	<i>Tecoma stans</i>	Bark	-	+
		Branches	-	+
		Leaves & Stems	-	+
N-2003-C	<i>Piptadenia peregrina</i>	Seeds	+++	+++

Dr Schubert

Laboratory of Chemistry of Natural Products

May 8, 1956

David L. Rogerson

Qualitative Alkaloid Tests

The following is a list of plant material tested April 18 through May 7, 1956

NUMBER	NAME	C. NO.	MATERIAL TESTED	TESTS	
				MAYER'S	SILICO
N-396-B	<i>Kalmia angustifolia</i> , var. <i>caroliniana</i>		Lvs. & stems	-	+
N-971-E	<i>Amsonia ciliata</i>		Lvs. & stems	+++	+++
N-971-F	<i>Amsonia ciliata</i>		Plant	+++	+++
N-1119-C	<i>Amsonia rigida</i>		Plant	+++	+++
N-1121	<i>Narcissus</i> sp.		Bulb	+++	+++
N-1486-A	<i>Tecoma stans</i>	(1000a)	Leaves (CR)	-	++(+)
			Bark (CR)	-	++(+)
N-1489	<i>Stemmadenia glabra</i>	(1005)	Leaves (CR)	+++	+++
			Bark (CR)	+++	+
N-1517	<i>Desmopsis</i> sp.	(1048)	Lvs & stems	+++	+++
			Bark	+++	+++
N-1518	<i>Faramea</i> sp.	(1049)	Leaves (CR)	++(+)	+
			Bark (CR)	-	-
N-1556-A	<i>Hamelia longipes</i>	(1097a)	Bark	+	+
			Leaves	+	+
N-1562	<i>Siparuna pinchotiana</i>	(1103)	Lvs & stems	+	+
N-1576	<i>Sauvagesia erecta</i>	(1117)	Plant (CR)	++	+
N-1576-A	<i>Sauvagesia erecta</i>	(1117a)	Leaves & stems	+++	+
N-1601	<i>Siparuna pauciflora</i>	(1152)	Leaves (CR)	+	+
			Bark (CR)	+++	+++
N-1601-A	<i>Siparuna pauciflora</i>	(1152a)	Bark	+++	+++
			Leaves	+++	+++
N-1602	<i>Hoffmannia parvifolia</i>	(1153)	Leaves (CR)	++	++(+)
			Bark (CR)	++	++(+)
N-1602-A	<i>Hoffmannia parvifolia</i>	(1153a)	Bark	+++	+++
			Leaves	+++	+++
N-1604	<i>Inga</i> sp.	(1155)	Leaves (CR)	++	++(+)
			Bark (CR)	+	(+)
			Fruits (CR)	(+)	-
N-1604-A	<i>Inga</i> sp.	(1155a)	Bark	++	+
			Leaves	++	-
N-1740			Leaves & stems	-	-
N-1741	<i>Stemmadenia</i> sp.	(1332)	Lvs.	+++	+++
			Bark	+++	+++
N-1742		(1325)	Leaves & stems	-	+
N-1743		(1326)	Leaves & stems	-	-
N-1744		(1327)	Leaves & stems	+	-
N-1745	<i>Siparuna</i> sp.	(1328)	Leaves & stems	-	-
N-1746		(1329)	Leaves & stems	+++	+++
			Bark	+++	+++
N-1747		(1330)	Lvs, stems & bk.	+	-
N-1748		(1331)	Lvs, stems & bk.	-	-

G. Schubert

TO: Dr. E.C. Horning

DATE: June 8, 1956

FROM: David L. Rogerson

SUBJECT: Qualitative Alkaloid tests

The following is a list of plant material tested May 8 - June 8, 1956

<u>NUMBER</u>	<u>NAME</u>	<u>MATERIAL TESTED</u>	<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-383-B	Lachnanthes tinctoria	Plant	-	-
N-1122	Lonchocarpus longistylus	Sd, Bark, Lvs.	-	-
N-1123	(Leguminosae)	Seeds	-	-
N-1124	(Leguminosae)	Seeds & pods	-	-
N-1125	Hibiscus sabdariffa	Flowers	-	-
N-1126		Root	-	-
N-1127		Bark	+++	+++
N-1128	(Leguminosae)	Seeds	-	-
N-1129	Portulacaria sp.	Lvs. & stems	-	-
N-1130	Ormosia sp.	Seeds	+++	+++
N-1749	Erythrina sp.	Seeds	+++	+++

Heart

L. Schubert

TO: Dr. E.C. Horning

August 10, 1956

FROM: David L. Rogerson

SUBJECT: Qualitative Alkaloid Tests

The following is a list of plant material tested June 11 -- August 10, 1956.

<u>NUMBER</u>	<u>NAME</u>	<u>MATERIAL TESTED</u>	<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-207-C	Rhododendron catawbiense		NOT CONDUCTED	
N-999-B	Withania coagulans	Seeds	-	-
N-1114-B	Crimma powellii	Bulbs	+++	+++
N-1131	Hordeum sp. (Barley seeds)	Seeds	-	-
N-1132	Canavalia sp.	Seeds	+	-
N-1133	Ormosia sp.		NOT CONDUCTED	
N-1134	Kalmia hirsuta	Lvs. & stems	-	-
N-1135	Nicotiana tabacum	Leaves	+++	+++
N-1136	Pieris japonica	Lvs. & stems	-	-
N-1137	Sophora affinis	Lvs. & stems	-	-
N-1137-B	Sophora affinis	Lvs, stms, sd pods	-	-
N-1138	Thalictrum sp.	Lvs. stms, flwrs	+++	++
N-1139	Lepiota morgani	Mushrooms	-	-
N-1140	Sinomenium diversifolium	Stems	+++	+++

Heard

G. Schubert

TO: Dr. E.C. Horning

DATE: October 8, 1956

FROM: David L. Rogerson

SUBJECT: Qualitative Alkaloid Tests

The following is a list of plant material tested August 13 - October 5, 1956.

NUMBER	NAME	MATERIAL TESTED	TESTS	
			MAYER'S	SILICO
N-17-B	Cassia excelsa	Leaves	++	+++
		Flowers	++	+++
N-266-F	Ormosia panamensis	Seeds	+++	+++
N-419-B	Rivea corymbosa	Leaves	-	-
N-472-B	Sophora tetraptera	Seeds	+++	No Test
N-538-B	Acacia laeta	Leaves	+++	+++
		Stems	+	+
		Seeds	+	+
N-1103-B	Ismene sp.	Bulb	+++	+++
N-1141	Nicotiana sp.	Leaf	+++	+++
N-1142	Tecoma stans	Leaves & stems	++	+++
		Bark	++	+++
N-1142-B	Tecoma stans	Leaves & stems	++	+++
		Bark	*(+)	+++
N-1143		Leaves & stems	-	-
N-1144	Narcissus sp.	Bulb	+++	+++
N-1145	Quillaja saponaria	Seeds	-	-
N-1146	Strophanthus speciosus	Seeds	-	-
N-1147	Randia sp.	Seeds	-	-
N-1148	Psychotria undata	Seeds	-	-
N-1149	Chamaedorea erumpens	Seeds	-	-
N-1150	Papaver rhoeas	Seeds	-	-
N-1151	Asphodeline lutea	Seeds	-	-
N-1152	Alstonia macrophylla	Leaves	+++	++
		Bark	+++	+
N-1153	Alstonia scholaris	Leaves	-	-
		Bark	+	+
N-1154	Alstonia venenata	Leaves	+++	+++
		Bark	+++	+++
N-2057-C	Ocotea leucoxydon	Lvs. st. & bark	+++	+++

Hand

G. Schubert

TO: Dr. E.C. Horning

DATE: November 16, 1956

FROM: David L. Rogerson

SUBJECT: ~~EIA~~ Qualitative Alkaloid Tests

The following is a list of plant material tested October 8 - November 16, 1956.

<u>NUMBER</u>	<u>NAME</u>	<u>MATERIAL TESTED</u>	<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-396-C	Kalmia angustifolia, var. caroliniana	Lvs. & stems	-	-
N-648-C	Crinum moorei	Bulbs	++	+++
N-674-B	Andira inermis	Bark	-	-
		Leaves	-	-
N-740-B	Enterolobium cyclocarpum	Lvs. & stems	-	-
N-1155	Narcissus pseudo-narcissus, var. Deanna Durbin	Bulbs	+++	+++
N-1156	Andira jamaicensis	Bark	-	-
		Leaves	-	-
N-1157	Krameria sp.	Roots	-	-
N-1158	(Chuchuhuasha)	Bark	-	-
N-1159	Enterolobium contortifolium ^s	Seeds	+	+
		Lvs. & stems	-	-

G. Schubert

TO: Dr. E.C. Horning

Date: June 14, 1957

FROM: David L. Rogersen

SUBJECT: Qualitative Alkaloid Tests

The following is a list of plant material tested January 7 through June 7, 1957.

NUMBER	NAME	MATERIAL TESTED	TESTS	
			MAYER'S	SILICO
N-17-C	Cassia excelsa	Lvs., stems, fruit.	+++	+++
N-18-B	Haemanthus coccineus	Bulbous plant	+++	+++
N-58-C	Cassia fistula	Seeds & pods	-	-
N-218-B	Cassia emarginata	Seeds & pods	+++	+++
N-342-C	Cassia excelsa, var. angustifolia	Lvs., bark, pods	+++	+++
N-363-B C	Alvarado ^{amorphoides}	Lvs., stems	-	-
N-472-C	Sophora tetraptera	Seeds	Not tested	
N-561-B	Hymenocallis amancaes	Bulbs	+++	+++
N-1080-B	Lyonia ferruginea	Lvs., stems	-	-
N-1167-B	Sprekelia formosissima	Bulbs	+++	+++
N-1169	Rhododendron chapmanii	Lvs., stems	-	-
N-1170	Ochrosia sp.	Leaves	+++	+++
N-1171	Annona reticulata	Bark	++	+++
N-1172	Piptadenia contorta	Seeds	-	-
N-1173	Piptadenia leptostachia	Seeds	-	-
N-1174	Piptadenia communis	Seeds	-	-
N-1175	Annona sp.	Leaves	+	(+)
		Bark	+++	+++
g/ N-1176	Befaria racemosa	Lvs., stems	+++	+++
N-1177	Acacia occidentalis	Bark	+	-
N-1177-B	Acacia occidentalis	Branches	-	-
N-1178	Brongniartia goldmaniana	Leaves, herbs	+++	+++
N-1179	Cacalia decomposita	Roots	-	-
N-1180	Ditaxis sp.	Lvs., stems	-	-
e/ N-1181	Erythrina flabelliformis	Seeds	-	-
N-1182	Ficus cotinifolia	Lvs., (seed?)	-	-
N-1183	Helenium amphibolum	Plant	-	-
N-1184	Heliocarpus polyandrus	Seeds	-	-
N-1185	Indigofera suffruticosa	Leaves	-	-
		Seeds	-	-
N-1186	Jacquinia pungens	Fruit, green.	-	-
N-1187	Montanoa rosei	Stems	-	-
N-1188	Montanoa rosei	Leaves	-	-
N-1189	Pectis stenophylla	Lvs., stems	-	-
N-1190	Perezia thuberi	Roots	-	-
N-1191	Stegnosperma halimifolium	Lvs., fruit	-	-
N-1192	Tagetes filifolia	Plant	-	-
N-1193	Tephrosia sp.	Leaves	-	-
N-1194	Turnera diffusa	Lvs., stems	-	-
N-1195		Roots	-	-
N-1196		Roots	*	-
N-1197	Ormosia sp.	Seeds	+++	+++

<u>NUMBER</u>	<u>NAME</u>	<u>MATERIAL TESTED</u>	<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-1198	(American Dogwood)	Bark	-	-
N-1199	Baccharis cf. alamosanus	Lvs., stems	-	-
N-1200	Eysenhardtia sp.	Branches	-	-
N-1486-B	Tecoma stans	Lvs., stems	+	+++
		Bark	+	+
N-2042-B	Tamarindus indicus	Seeds, pulp	-	-
N-2453	Annona coriacea	Seeds	-	-
N-2454	Annona pygmaea	Roots	+++	+++

DR. SCHUBERT

TO: Dr. E.C. Horning

DATE: August 16, 1957

FROM: David L. Rogerson

SUBJECT: Qualitative Alkaloid Tests

The following is a list of plant material tested for alkaloids June 10 through August 16, 1957.

<u>NUMBER</u>	<u>NAME</u>	<u>MATERIAL TESTED</u>	<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-17-D	Cassia excelsa	Leaves & stems	+++	+++
		Flowers	+++	+++
N-218-C	Cassia emarginata	Seeds	+	-
N-723-B	Annona bullata	Leaves & stems	+++	++
N-1171-B	Annona reticulata	Leaves & stems	*	-
N-1247-B	Annona cherimola	Stems	++	+
		Leaves	+	-
N-2362-B	Acacia farnesiana	Seeds	-	-
N-2455		Lvs., stems, flwrs.	-	-
N-2456	Karwinskia humboldtiana	Seeds	-	-
N-2457	Pithecellobium undulatum	Seeds	+	-
N-2458	Asclepias linearis	Roots	-	-
N-2459	Annona glabra	Leaves & stems	++	+
N-2460	Annona muricata	Leaves & stems	++	+
N-2461	Annona paludosa	Leaves & stems	+++	++
N-2462	Annona purpurea	Leaves & stems	+++	+++
N-2463	Annona squamosa	Leaves & stems	++	+++
N-2464	Annona sp.	Leaves & stems	+	-
N-2465	Annona sp.	Bark	+++	+++
N-2466	"Coro Bolo"	Leaves & stems	-	-

Dr Schubert

TO: Dr. E.C. Horning

DATE: October 1, 1957

FROM: David L. Rogerson

SUBJECT: Qualitative Alkaloid Tests

The following is a list of plant material tested August 19 through September 30, 1957.

<u>NUMBER</u>	<u>NAME</u>	<u>MATERIAL TESTED</u>	<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-413-B	Stephania cepharantha ^l	Roots	+++	+++
N-727-B	Maytenus phyllanthoides	Leaves & stems	-	-
N-1155-B	Narcissus pseudo-narcissus, var. Deanna Durbin	Bulbs	+++	+++
N-2463-B	Annona squamosa	Seeds	-	+
N-2467	Homalomena sp.	Leaves & stems	-	+
N-2468	Sassafras albidum	Leaves & stems	-	-
N-2469	Heimia salicifolia	Leaves & stems Seeds	+ +++	+ +++
N-2470	Arctostaphylos glauca	Seeds	-	-
N-2471	Rhamnus crocea, var. ilicifolia	Seeds	-	-
N-2472	Salvia clevelandii	Flowerheads	-	-
N-2473		Stems	-	(+)

checked
off
PSS 2/6/58

G. Schubert

TO: Dr. E.C. Horning

DATE: December 11, 1957

FROM: David L. Rogerson

SUBJECT: Qualitative Alkaloid Tests

The following is a list of plant material tested for alkaloids October 1, through December 6, 1957.

NUMBER	NAME	MATERIAL TESTED	TESTS	
			MAYER'S	SILICO
N-7-T	Rhododendron maximum	Leaves	-	-
N-647-C	Crinum powellii, var. alba	Bulbs	+++	+++
N-648-E	Crinum moorei	Seeds	+++	+++
N-648-F	Crinum moorei	Seeds	+++	+++
N-674-C	Andira inermis	Fruit	-	-
		Bark	-	-
N-1082-B	Ormosia jamaicensis	Seeds	+++	+++
N-2555	Setaria ("Pit Pit")	Plants (#1 Mookoo)	-	-
		" (#2 Abeia)	+	+
		" (#3 Iayanonta)	++	+
		" (#4 Eterisani)	+	-
		" (#5 Ionikiva)	+	++
		" (#6 Untura)	+++	(+++)
		" (#7 Puritein)	+++	(+++)
		" (#8 Ameno)	+	(+++)
		" (#9 Mookaburri)	+	+
		" (#10 Nantari)	++	++
		" (#11 Okopa)	+++	+++
		" (#12 Suvuria)	+	(+++)
		" (#13 Isueta)	+++	++
		" (#14 Nonti)	+++	+++
		" (#15 Whayayabi)	+++	+++
		" (#16 Lgogi-wild)	++	+
N-2566	Heliocarpus sp.	Seeds	-	-
N-2567	Homalomena sp. ("Ereriba")	Plant	-	-
N-2568	Himantandra (Galbulimima) belgraveana ("Agara")	Leaves	+++	+++
		Fruit	++	++
		Bark	+++	+++
N-2568-B	Himantandra (Galbulimima) belgraveana ("Agara")	Leaves	+++	+++
		Bark	+++	+++
N-2568-C	Himantandra (Galbulimima) belgraveana ("Agara")	Fruit	++	+
N-2569	Sophora secundiflora	Seeds	+++	+++
N-2569-B	Sophora secundiflora	Leaves & stems	+++	+++
N-2569-C	Sophora secundiflora	Seeds	+++	+++
N-2570	Nerine bowdeni	Bulbs	+++	+++
N-2571	Homalomena sp. ("Ereriba")	Leaves	-	-
N-2572	Prosopis juliflora	Leaves & stems	+++	+++
N-2573	Manfreda gigantea	Bulbous plant	(+)	(+)
N-2574	Tournefortia gnaphalodes	Plant	-	-
N-2575	Haemanthus amarylloides	Bulbs	+++	+++

<u>NUMBER</u>	<u>NAME</u>	<u>MATERIAL TESTED</u>	<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-2576	Haemanthus coccineus	Bulbs	+++	+++
N-2577	Setaria ("Pit Pit") #14 Nonti	Plant	+(++)	(+)
N-2578	Setaria "Pit Pit" - #15 Whayayabi	Plant	(+++)	(+)
N-2579	Desmodium sp. "Kegeta" #38	Plant	-	-
N-2579-B	Desmodium sp. "Kegeta" #38	Leaves & tops	-	-
N-2580	Oenanthe javanica	Leaves - fine form	-	-
		Leaves - broad form	-	-

A. Schubert

TO: Dr. E.C. Horning

DATE: July 23, 1958

FROM: David L. Rogerson

SUBJECT: Qualitative Alkaloid Tests

The following is a list of plant material tested for alkaloids December 9, 1957 through July 18, 1958. Some Mexican samples listed here will appear on the following list of material tested in Mexico April - May, 1958.

NUMBER	NAME	MATERIAL TESTED	TESTS	
			MAYER'S	SILICO
✓ N-383-C	<i>Lachnanthes tinctoria</i>	Plant, flowers	-	-
✓ N-1167-C	<i>Sprekelia formosissima</i>	Bulbs	+++	+++
✓ N-1898-A	<i>Brongniartia</i>	Leaves	+++	+++
		Branches	+	+
✓ N-1901-A	<i>Cordia dodecandra</i>	Bark	-	-
✓ N-2581	<i>Prosopis</i> sp.	Seeds	(+)	(+)
✓ N-2582	<i>Pandanus</i> ?	Fruit	+	(+)
		Leaves	(+)	+
✓ N-2583	<i>Pandanus</i> ?	Fruit	+	(+)
		Leaves	+++	+++
✓ N-2584	<i>Cecropia adenopus</i>	Leaves & flwr. buds	-	-
✓ N-2585	<i>Acanthospermum australe</i>	Lvs., flwr. buds & fruit	-	-
✓ N-2586	<i>Tabernaemontana australis</i>	Leaves & branches	+++	+++
✓ N-2590	<i>Cassia peralteana</i>	Leaves, stems & fruit	+++	+++
✓ N-2610	<i>Pithecolobium leucospermum</i>	Leaves	++	+
		Stems, seeds & pods	+++	+++
✓ N-2611	<i>Cassia emarginata</i>	Lvs., stems, sds. & pods	+++	+++
✓ N-2612	<i>Cassia peralteana</i>	Stems	+++	+++
✓ N-2605	<i>Mucuna pruriens</i>	Seeds & pods	-	(+)
✓ N-2615	<i>Tecoma stans</i>	Stems & fruits	+++	+++
✓ N-2622	<i>Astrocasia phyllanthoides</i>	Stems & fruits	+++	+++
✓ N-2642	<i>Rivea corymbosa</i>	Seeds & pods	+	+
✓ N-2674	<i>Licaria peckii</i>	Bark	+++	+++
		Leaves	(+)	(+)
✓ N-2682	<i>Alceis yucatanensis</i>	Leaves	+++	+++
		Bark	+++	+++
		Flowers or fruit	+++	+++
✓ N-2684	<i>Brosimum alicastrum</i>	Bark	++	+
		Retested bark	-	-
✓ N-2688	<i>Anona primigenia</i>	Bark	+++	+++
		Leaves	+	+
✓ N-2698	<i>Pinus</i>	Needles & stems	-	++
		Retested	-	-
✓ N-2701	<i>Leucaena glauca</i>	Seeds & pods	+	(+)
		Retested	-	-
✓ N-2726	<i>Lobelia laxiflora</i> , var.	Leaves, stems & flowers	+++	+++
	<i>nelsonii</i>	Flowers	+++	++
		Leaves	+	(+)
		Stems	+	+

NUMBER	NAME	MATERIAL TESTED	TESTS	
			MAYER'S	SILICO
✓ N-2741	Cassia aff. biflora	Lvs., stems, sds., pods & flowers	+++	+++
		Flowers	-	-
		Leaves	+	+
		Seeds & pods	-	-
		Stems	+++	++
✓ N-2748	Mucuna pruriens	Seeds & pods	-	-
✓ N-2751	Erythrina sp.	Lvs., stems, bark, sds. & pods.	+++	+++
		Bark	+++	+++
		Seeds & pods	+++	+++
		Leaves	+++	+++
✓ N-2757	Cestrum lanatum	Leaves, stems, seeds & pod	++	+
		Leaves	++	+
		Stems	-	-
✓ N-2771	Tabernaemontana alba	Leaves & stems	+++	+++
		Leaves	+++	+++
		Stems	+++	+++
✓ N-2776	Cleome pilosa	Leaves, stems, seeds & pod	+	+
		Leaves	(+)	(+)
		Stems	-	-
		Seeds & pods	+	(+)
✓ N-2777	Crotalaria mucronata	Leaves, stems, sds & pods	++	++
		Leaves & stems	++	++
		Seeds & pods	-	-
✓ N-2780	Delonix regia	Leaves, stems, bark, seeds & pods, flowers.	-	-
✓ N-2782	Crotalaria retusa	Leaves, stems, flowers, seeds & pods	-	+++
		Seeds & pods	-	+++
		Leaves	-	-
		Flowers	-	-
		Stems	-	-
✓ N-2785	Cassia peralteana	Lvs., stems, bark, seeds & pods.	+++	+++
		Seeds & pods	++	++
		Leaves	+++	+++
		Stems & bark	++	+
✓ N-2786	Croton reflexifolius	Leaves, stems & bark	-	-
✓ N-2787	Callicarpa acuminata	Leaves, stems & flowers	-	-
✓ N-2788	Diospyros cuneata	Leaves, stems & bark	-	-
✓ N-2789	Diospyros verae-crucis	Leaves, stems & bark	-	-
✓ N-2790	Bauhinia jenningsii	Leaves, stems & bark	-	-
✓ N-2791	Bunchosia montana	Lvs., sts., frt. & bark	-	-
✓ N-2792	Lantana velutina	Leaves & stems	-	-
✓ N-2793	Eriphalis fruticosa	Leaves, stems & flowers	+	(+)
✓ N-2794	Passiflora foetida, var. ciliata	Leaves & stems	-	-
✓ N-2795	Bumelia retusa	Lvs., sts., frt. & bark	-	-
✓ N-2796	Suriana maritima	Leaves, stems & bark	-	-
✓ N-2797	Solanum bicolor	Leaves, stems & fruit	+++	+++

NUMBER	NAME	MATERIAL TESTED	TESTS	
			MAYER'S	SILICO
✓ N-2797	(Continued from page 2)	Fruits	++	+
		Stems	++	+
		Leaves	+++	(+++)
✓ N-2798	Metopium brownei	Lvs., stems, bark & frt.	-	-
✓ N-2799	Capparis incana	Leaves & stems	+	+(++)
		Leaves	-	-
		Stems	+	+(++)
✓ N-2800	Laetia thammia	Leaves & stems	-	-
✓ N-2801	Blomia cupanioides	Leaves, stems & fruits	-	-
N-2802	Antirrhoea lucida	Leaves, stems & bark	+++	+++
		Leaves	(+++)	(+++)
		Stems	+++	+++
✓ N-2803	Trichilia arborea	Leaves, stems & bark	-	-
N-2804	Cassia peralteana	Leaves, stems, bark, sds. & pods (immature)	+++	+++
		Seeds & pods	++	++
		Stems & bark	++	+
		Leaves	++	+
✓ N-2805	Coutarea octomera	Leaves & stems	+	+
✓ N-2806	Randia sp.	Leaves & stems	-	-
✓ N-2807	Trichilia hirta	Leaves & stems	-	-
✓ N-2808	Cassia peralteana	Leaves & stems	-	-
✓ N-2809	Eugenia lundellii	Lvs., st., bark & fruit.	-	-
✓ N-2810	Heterophris laurifolia	Leaves, stems & flowers	-	-
✓ N-2811	Inga spuria	Lvs., stems, bark, seeds & pods	-	-
✓ N-2812	Lonchocarpus hondurensis	Leaves & stems	-	-
✓ N-2813	Casearia nitida	Leaves, stems & fruit	-	-
✓ N-2814	Lonchocarpus sp.	Leaves, stems & fruit	-	-
✓ N-2815	Larrea tridentata	Leaves & flowers	-	(+)
		Stems	+	+
✓ N-2816	Purshia tridentata	Leaves, flowers & stems	-	-
✓ N-2817	Chrysothamnus nauseosus	Leaves, stems & branches	-	-
N-2818	Cercocarpus montanus	Leaves	-	+
		Stems	-	-
✓ N-2819	Cowania stansburiana	Leaves, stems & flowers	-	-
✓ N-2820	Gilia filifolia	Plant, fruit	++	(+)
✓ N-2821	Gilia eremica	Plant, flowers	-	(+)
		Stems	-	-
✓ N-2822	Cuscuta sp.	Leaves, stems & flowers	-	-
N-2823	Wyethia mollis	Leaves, stems & flowers	-	(+)
		Flowers	-	(+)
		Leaves	=	(+)
		Stems	-	-

Dr. Schubert

TO: Dr. E.C. Horning

DATE: December 26, 1958

FROM: David L. Rogerson

SUBJECT: Qualitative Alkaloid Tests

The following is a list of plant material tested for alkaloids July 21, through December 26, 1958.

NUMBER	NAME	MATERIAL TESTED	TESTS	
			MAYER'S	SILICO
✓ N-266-G	Ormosia panamensis	Seeds	+++	+++
✓ N-266-H	Ormosia panamensis	Seeds	+++	+++
✓ N-648-G	Crinum moorei	Seeds	+++	+++
✓ N-1050-C	Casimiroa edulis	Bark	+	+++
✓ N-1050-D	Casimiroa edulis	Bark	+	+
✓ N-1082-C	Ormosia jamaicensis	Seeds	+++	+++
✓ N-1167-D	Sprekalia formosissima	Bulbs	+++	+++
✓ N-2568-D	Himantandra belgraveana	Bark	+++	+++
✓ N-2570-B	Nerine bowdeni	Bulb	+++	+++
✓ N-2824	Simmondsia chinensis	Leaves	(+)	+
		Stems	-	(+)
		Fruit	-	(+)
✓ N-2825	Hippeastrum minatum	Bulb	+++	+++
✓ N-2826	Stipa v ^h sei	Plant	-	+
✓ N-2827	Allium cepa	Bulb	-	-
✓ N-2828	Urginea maritima	Bulb	-	-
✓ N-2829	Allium sp.	Bulb	-	-
✓ N-2830		Root	(+)	(+)
✓ N-2831	Thevetia sp.	Seeds & pods	(+)	(+)
✓ N-2832	Stemmadenia palmeri	Seeds	+++	+
✓ N-2833	Pachycereus pectan-aboriginum	Seeds	+	+

Rec'd 12/29

TO: Dr. E.C Horning

A. Schubert

DATE: August 12, 1959

FROM: David L. Rogerson

SEP 24 1959

SUBJECT: Qualitative Alkaloid Tests

The following is a list of plant material tested for alkaloids December 29, 1958 through August 7, 1959. Also glycoside tests are noted where applicable.

NUMBER	NAME	MATERIAL TESTED	TESTS		
			MAYER'S	SILICO	GLYCOSIDE
N-799-C	Lunasia amara	Leaves	+++	+++	
		Bark	+++	+++	
N-1167-E	Sprekelia formosissima	Bulbs	+++	+++	
N-1815-A	Phoebe mexicana	Leaves & stems	+	+	
N-2834	Mesembryanthemum sp.	Plant	-	-	
N-2835	Cassia reticulata	Leaves	-	-	+++
N-2836	Cassia reticulata	Leaves	-	-	++
N-2837	Narcissus pseudo-narcissus, var. King Alfred	Bulbs	+++	+++	
N-2838	Narcissus sp. "La Rainte"	Bulbs	* +	+++	
N-2839	Narcissus sp. "Golden Lacquer"	Bulbs	* +++	+++	
N-2840	Narcissus sp. "Beersheba"	Bulbs	* +++	+++	
N-2841	Brongniartia minutifolia	Seeds & pods	+++	+++	
N-2842	Tagetes sp.	Stems & fruiting heads	-	+	
N-2843	Narcissus pseudo-narcissus, vars. King Alfred and Golden Lacquer.	Bulbs	+++	+++	
N-2844	Crinum sp. "Milk & Wine"	Bulbs	* +++	+++	
N-2844-B	Crinum sp. "Milk & Wine"	Bulbs	+++	+++	
		Leaves	-	+++	
N-2845	Crinum asiaticum	Seeds	-	(+++)	
N-2846	"Trailing Indigo"	Oil	-	-	+
N-2847	Narcissus pseudo-narcissus, var. King Alfred	Bulbs	+++	+++	
N-2848	Cycas circinalis	Seed & pod	-	-	++
N-2849	Crinum erubescens	Bulb	N.T.	+++	
N-2850	Crinum f. briatulum	Bulb	N.T.	+++	
N-2851	Prosopis tamarugo	Seed	-	-	
N-2852	Verbascum thapsus	Plant	-	-	

NOTES: 1/ * Alkaloid tests conducted on final CHCl₃ extract obtained during processing.
2/ N.T. Material not tested for alkaloids with Mayer's reagent.

Dr. Schubert

TO: Dr. E.C. Horning

DATE: October 18, 1960

FROM: David L. Rogerson

SUBJECT: Qualitative Alkaloid Tests

The following is a list of plant material tested for alkaloids October 19, 1959 through October 14, 1960.

NUMBER	NAME	MATERIAL TESTED	TESTS	
			MAYER'S	SILICO
N-7-U	Rhododendron maximum	(Assumed negative)	Not tested	
N-218-E	Cassia emarginata	Leaves	+++	+++
		Stems	+++	+++
		Fruit	+++	+++
✓ N-342-D	Cassia excelsa, var. angustifolia	(Assumed positive)	Not conducted	
✓ N-382-F	Hymenocallis occidentalis	(Assumed positive)	Not tested	
✓ N-648-H	Crinum moorei	Bulb	+++	+++
✓ N-648-I	Crinum moorei	(Assumed positive)	Not tested	
N-1082-D	Ormosia jamaicensis	Seeds	+++	+++
N-1167-F	Sprekelia formosissima	(Assumed positive)	Not tested	
N-2569-D	Sophora secundiflora	Seeds	+++	+++
		Pods	+++	+++
N-2570-C	Nerine bowdeni	Bulbs	+++	+++
N-2878	Galanthus elwesii	Bulb	+++	+++
N-2879	Leucojum vernum	Bulb	-	(+++)
N-2880	Pancratium illyricum	Bulb	+++	+++
N-2881	Phyllitis sp.	Plant (fern)	+	+
N-2882	Polygala alba	Foliage	+	+
N-2883	Ixiolirion pallasii	Bulb	-	(+)
N-2884	Ormosia macrocalyx	Seeds	+++	+++
N-2885	Haemanthus multiflorus	Bulb	+	+++
N-2885-B	Haemanthus multiflorus	(Assumed positive)	Not tested	
N-2886	Eucharis amazonica	Bulb	+++	+++
N-2887	Phytolacca americana	Roots	-	(+)
N-2888	Narcissus sp. ^{c.v.} (Twink)	(Assumed positive)	Not tested	
N-2888-B	Narcissus sp. ^{c.v.} (Twink)	(Assumed positive)	Not tested	
N-2889	Virola sp.	Seeds	-	-
N-2890	Cassia hebecarpa	Leaves & stems	-	-

G. Schubert

TO: Dr. E.C. Horning

DATE: June 30, 1961

FROM: David L. Rogerson

SUBJECT: Qualitative Alkaloid Tests

The following is a list of plant material tested for alkaloids October 17, 1960 through ~~XXI~~ June 30, 1961.

<u>NUMBER</u>	<u>NAME</u>	<u>MATERIAL TESTED</u>	<u>TESTS</u>	
			<u>MAYER'S</u>	<u>SILICO</u>
N-7-V	Rhododendron maximum	(Assumed negative)	Not tested	
N-19-B	Amموcharis coranica		Not Tested	
N-19-C	Amموcharis coranica		Not tested	
N-101-B	Urginea burkei	Bulbs	-	-
N-1167-G	Sprekelia formosissima	Bulbs	+++	+++
N-2570-D	Nerine bowdeni	(Assumed positive)	Not conducted	
N-2891	Virola guatemalensis	Bark	-	-
N-2892	Cassia toro ^{id}	Plant	-	-
N-2893	Ismene calathina	(Assumed positive)	Not tested	
N-2894	Buphane guttata	Bulbs	+++	+++
N-2895	Buphane sp.	(Assumed positive)	Not tested	
N-2896	Crinum sp.	Seeds	-	+
N-2897	Micranthus alopecuroideus	Bulbs	-	-
N-2898		Plant	-	-
N-2899		Plant	+++	+++
N-2900	Mesembryanthemum sp.	Plant	++	+++
N-2901	Crinum sp.	Seeds	-	(+)
N-2902	Amموcharis sp.	Bulbs	+++	+++
N-2903		Seeds	Not tested	
N-2904	Carpobrotus chilensis	Leaves & stems	-	-
N-2905	Anigozanthos manglesii	Seeds	Not tested	
N-2906	Dianella tasmanica	Rhizomes	-	-
N-2907	Haemanthus tigrinus	Bulbs	+++	+++
N-2908	Lycoris sanguinea, var.	Bulbs	Not tested	
N-2909	kuishiana			
N-2909	Cannabis sativa	Leaves	Not tested	
N-2910	Dianella coerulia	Seed berries	Not tested	