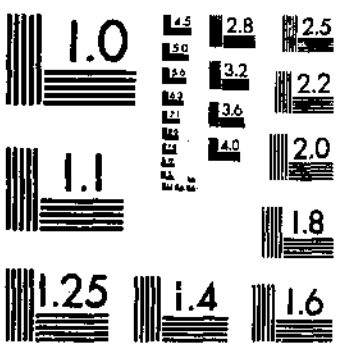
START



MICROCOPY RESOLUTION TEST CHART
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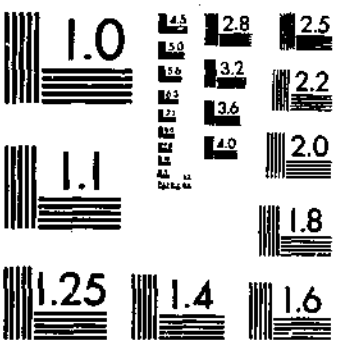

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ALKALOID-BEARING PLANTS

and

Their Contained Alkaloids

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ALKALOID-BEARING PLANTS AND THEIR CONTAINED ALKALOIDS

By J. J. Willaman, chemist, Eastern Utilization Research and Development Division, and Bernice G. Schubert, taxonomist, Crops Research Division, Agricultural Research Service

This compilation assembles in one place all the scattered information on the occurrence of alkaloids in the plant world. It consists of two lists: (1) The names of the plants and of their contained alkaloids; and (2) the names and empirical formulas of the alkaloids. Several partial lists and a number of books on the chemistry of alkaloids that give the plant sources of many of them have been published, but it is believed that this is the first attempt to bring all scattered information together in one place.

This compilation can serve as a first source of information on any plant or plant group and on the individual alkaloids; it can stimulate analysis of the various facets of the occurrence of alkaloids in the plant world; and it calls attention to the gaps in our knowledge of alkaloidal phytochemistry.

The data are complete through 1957 in that 1957 is the last year in which the annual subject index of Chemical Abstracts was used. It is fairly complete otherwise through June 1959.

As this is a compendium and not a descriptive or interpretive treatment, some restrictions and stipulations were in order for space limitations. Thus, if an author has called a given compound an alkaloid it is included, without reservation or definition. Usually just one reference is used for an item. All synonyms for the alkaloids are given, but space did not permit displaying their structural formulas.

In checking a list of names, such as the one compiled here, of all known alkaloid-bearing plants, the botanist is hampered by not knowing exactly what the chemist had to work with. He must assume that the identification was correct and confine his own activity to checking the validity of the name and the correctness of spelling. This has been done insofar as possible. In the process, many purely mechanical errors in copying as well as erroneous citations in the chemical literature have been found. It would have been impossible to check the original chemical reference in every case; the original has been referred to in all questionable cases, however. Authorities for the plant names have been cited for the sake of completeness, and to offer a reference clue should additional work be conducted on a particular species. The equivalents cited at various points in the list are not necessarily true taxonomic synonyms. In some cases they are corrections of an absolute error in citation. Contrary to usual practice in botanical literature, family names of cryptogams and phanerogams have been merged into one alphabetical series.

Codes Used in Table 1

"Unn." means that the alkaloid was unnamed in the report cited.

Code for the references	
ABB	Archives of Biochemistry and Biophysics. New York.
AC	Angewandte Chemie. Germany.
ACS	American Chemical Society Abstracts, 132d Meeting.
ACSJ	American Chemical Society Journal. Washington.
AJC	Australian Journal of Chemistry. Melbourne.
AJP	American Journal of Pharmacy. Philadelphia.
Ann Pharm Franc	Annales Pharmaceutiques Françaises. Paris.
Ann der Chem	Annalen der Chemie, Justus Liebigs, Germany.
APAJ	American Pharmaceutical Association Journal, Scientific Edition. Washington.
APCP	Australian Phytochemical Congress Proceedings 3, Commonwealth Scientific and Industrial Research Organization, Sydney (1951).
ARB	Annual Review of Biochemistry. Stanford, Calif.
Archiv Pharm	Archiv der Pharmazie und Berichte der Deutschen Pharmazeutischen Gesellschaft. Germany.
Arthur	H. R. Arthur, "A Phytochemical Survey of Some Plants of North Borneo," Journal of Pharmacy and Pharmacology 6: 66 (1954).
Arzneim-Forsch	Arzneimittel-Forschung. Württemberg, Germany.
BA	Biological Abstracts. Philadelphia.
Ber	Chemische Berichte. Germany.
Bisset	N. G. Bisset. *In* Proceedings of Symposium on Phytochemistry, Kuala Lumpur, December 1957. Publication of UNESCO Science Cooperation Office for Southeastern Asia.
Bisset (2)	N. G. Bisset, "Occurrence of Alkaloids in the Apocynaceae," Annales Bogoriensis 3: 105 (1958).
Brazil pesq agron	Brazil Servico Nacional de Pesquisas Agronomicas Bul.
BSP	Bulletin des Sciences Pharmacologiques. Paris.
CA	Chemical Abstracts. Washington.
C-B-G	R. N. Chopra, R. L. Badhwar, and S. Ghosh, "Poisonous Plants of India," Government of India Press, Calcutta (1949).
CEN	Chemical and Engineering News. Washington.
Chatt	Asima Chatterjee. *In* Proceedings of Symposium on Phytochemistry, Kuala Lumpur, December 1957. Publication of UNESCO Science Cooperation Office for Southeastern Asia.
CI	Chemistry and Industry. London.
CJC	Canadian Journal of Chemistry. Ottawa.
CJR	Canadian Journal of Research. Ottawa.
C-P-W	A. Chatterjee, S. C. Pakashi, and G. Werner, "Progress in the Chemistry of Natural Products. XIII," Fortschritte der Chemie organischer Naturstoffe (1956). Vienna.
CR	Comptes Rendus Hebdomadaires des Seances, Academie des Sciences, Paris, France.
DA	Dissertation Abstracts. Ann Arbor, Mich.

Code for the references	
Dalziel	J. M. Dalziel, "Useful Plants of West Tropical Africa," London (1955).
D-K	Bryce Douglas and A. K. Kiang, "A Phytochemical Survey. Part I. Alkaloids," Malayan Pharmacy Journal 6: 138 (1957).
Econ Bot	Economic Botany. New York.
Exp.	Experientia. Basel, Switzerland.
Falck	August Falck, "Die Offizinellen Droge und ihre Ersatz," Barth, Leipzig, Germany (1928).
Freise	F. W. Freise, "Vorkommen von Koffein in brasilianischen Heilpflanzen," Pharmazeutische Zentralhalle für Deutschland 76: 704 (1935).
Gaz Chim Ital	Gazzetta Chimica Italiana. Rome.
Helv	Helvetica Chimica Acta, Basel, Switzerland.
Henry	T. A. Henry, "The Plant Alkaloids," Blakiston, Philadelphia (Ed. 4, 1949).
Hocking	George Hocking, "Dictionary of Terms in Pharmacognosy," Thomas, Springfield (1955).
ICSJ	Indian Chemical Society Journal. Calcutta.
I-R	N. M. Ismailov and R. YaRzazade, "Identification of Alkaloid-Containing Plants of Azerbaidzhan," Akademiia Nauk Azerbaidzhanskoi SSR Doklady 10: 197–202 (1954).
Jahresber Pharm	Jahresbericht der Pharmazie.
JOC	Journal of Organic Chemistry. Washington.
J-O-W	W. Junk, C. Oppenheimer, and W. Weisbach, "Tabulae Biologicae," v. 18 (2–3). The Hague, Netherlands (1940).
JPA-L	Journal de pharmacie d'Alsace et de Lorraine.
K-A	A. K. Kiang and R. D. Amarasingham. *In* Proceedings of Symposium on Phytochemistry, Kuala Lumpur, December 1957. Publication of UNESCO Science Cooperation Office of Southeastern Asia.
Karrer	P. Karrer, "Uber calebassen- und Strychnosrinden-Alkaloide," Societe Chimique de France Bulletin 1958: 99.
KAS	Kentucky Academy of Science Transactions. Louisville.
Klein	G. Klein, "Handbuch der Pflanzenanalyse," v. 4. Julius Springer, Jena (1933).
Kuyaganont	S. Kuyaganont, University of Philippines Master's Thesis (1956).
LCSJ	[London] Chemical Society Journal.
LCSP	[London] Chemical Society Proceedings.
Mass Pharm	Massachusetts College of Pharmacy Bulletin 18 (4): 24–25 (1929).
M–B	G. B. Marini-Bettolo and D. Bovet, Rendiconti Instituto Superior di Sanita 19: 954 (1956).
Merck	Merck Index. Merck & Co., Rahway, N.J. (Ed. 6, 1952).
M–H	R. H. F. Manske and H. L. Holmes, "The Alkaloids," Academic Press, New York (5 v., 1950–55).
Monatsh	Monatshefte für Chemie und Verwandte Teile Andere Wissenschaften. Vienna.
Muen	W. C. Muenscher, "Poisonous Plants of the United States," Macmillan, New York (1945).
Nature	Nature [London].
Naturw	Die Naturwissenschaften. Berlin.

Code for the references	
N–O	Armando Novelli and Orfeo O. Orazi, "Alcaloides Aislados de Plantas de la Republica Argentina," Revista Farmaceutica (Buenos Aires) 92: 109–118 (1950).
NZJ	New Zealand Journal of Science and Technology.
Orekhov	A. P. Orekhov, "Chemistry of Alkaloids," Akademiia Nauk USSR, Moscow (Ed. 2, 1955).
PAH	Pharmaceutica Acta Helvetiae.
PC	Hoppe-Seylers Zeitschrift für Physiologische Chemie. Berlin.
Pharmazie	Pharmazie. Berlin.
PJ	Pharmaceutical Journal (London).
PlantP	Plant Physiology.
PR	Puerto Rico Experiment Station Report.
PPA(orS)J	Philippine Pharmaceutical Association (Society) Journal.
PSJJ	Pharmaceutical Society of Japan Journal.
P–T	K. Paech and M. V. Tracey, "Moderne Methoden der Pflanzenanalyse," Springer-Verlag, Berlin (v. 4, 1955).
Quart Rev	Quarterly Review. New York and London.
Res To	Research Today. Eli Lily & Co., Indianapolis.
Rev Brasil Quim	Revista Brasileira de Quimica (Ciencа & Industria), Rio de Janeiro, Brazil.
Ribas	D. Ignacio Ribas Marques, "Recientes Progresos de la Investigacion en el Campo de los Alcaloides de las Papilionaceas," Universidad de Santiago, Spain (1957).
Richter	Organic Chemistry. 4 v. Ed. 3. New York.
Roark	R. C. Roark, "A Review of Information on Anabasine," U.S. Department of Agriculture, Bureau of Entomology and Plant Quarantine E–537 (1941).
RSWAJ	Royal Society of Western Australia Journal. Perth.
Sant	Frant. Santavy, "Substanzen der Herbstzeitlos und ihre Derivative. XLV. Verbreitung der Colchicinalkaloide im Pflanzenreich," Botanische Zeitung 103: 300–311, (1956).
Science	Science.
Schl	"The Chemistry of Rauwolfia Alkaloids." *In* R. E. Woodson, H. W. Youngken, E. Schlittler, J. A. Schneider, "Rauwolfia: Botany, Pharmacognosy, Chemistry, and Pharmacology," Little, Brown, Boston (1957).
Schreiber	K. Schreiber, "Die Glycoalkaloide der Solanaceen," Chemische Technik 6: 648 (1954).
Schmit	A. Schmit, University of Paris thesis. (1950).
SDAC	South Dakota Academy of Science Proceedings.
Sokolov	V. S. Sokolov, [Alkaloid Plants of the USSR], Akademiia Nauk Moscow, USSR (1952).
Tetra	Tetrahedron, London.
Tob Sci	Tobacco Science. New York.
[Tokyo] Pharm Bul	[Tokyo] Pharmacy Bulletin.

Code for the references	
Wall 13	M. E. Wall, M. M. Krider, C. F. Krewson, C. R. Eddy, J. J. Willaman, D. S. Correll, and H. S. Gentry, "Steroidal Sapogenins. XIII. Supplementary Table of Data for Steroidal Sapogenins VII," U.S. Department of Agriculture, Eastern Utilization Research and Development Division, Philadelphia, AIC-363 (1954).
Wall 15	M. E. Wall, C. R. Eddy, J. J. Willaman, D. S. Correll, B. G. Schubert, and H. S. Gentry, "Steroidal Sapogenins. XV. Supplementary Table of Data for Steroidal Sapogenins XII," U.S. Department of Agriculture, Eastern Utilization Research and Development Division, Philadelphia, AIC-367 (1954).
Wall 26	M. E. Wall, C. S. Fenske, J. J. Willaman, D. S. Correll, B. G. Schubert, and H. S. Gentry, "Steroidal Sapogenins. XXVI. Supplementary Table of Data for Steroidal Sapogenins XXV," U.S. Department of Agriculture, Eastern Utilization Research and Development Division, Philadelphia, ARS-73-4 (1955).
Wall 43	M. E. Wall, C. S. Fenske, H. E. Kenney, J. J. Willaman, D. S. Correll, B. G. Schubert, and H. S. Gentry, "Steroidal Sapogenins. XLIII. Survey of Plants for Steroidal Sapogenins and Other Constituents," American Pharmaceutical Association Journal, Scientific Edition, 46: 653 (1957).
Wall 55	M. E. Wall, C. S. Fenske, J. W. Garvin, J. J. Willaman, Q. Jones, B. G. Schubert, and H. S. Gentry, "Steroidal Sapogenins. LV. Survey of Plants for Steroidal Sapogenins and Other Constituents," American Pharmaceutical Association Journal, Scientific Edition, 48: 695 (1959).
Wall 60	M. E. Wall, J. W. Garvin, J. J. Willaman, Q. Jones, B. G. Schubert, and R. A. Davidson, "Steroidal Sapogenins. LX. Survey of Plants for Steroidal Sapogenins and Other Constituents," American Pharmaceutical Association Journal, Scientific Edition, 50: [In press] (1962).
We	C. Wehmer, "Die Pflanzenstoffe," Fischer, Jena (Ed. 2, 2v., 1929, 1931).
We Sup	C. Wehmer, "Die Pflanzenstoffe. Erganzungsband zur Zweiten Auflage," Fischer, Jena (1935).
Webb 232	L. F. Webb, "Guide to the Medicinal and Poisonous Plants of Queensland," [Australia] Commonwealth for Scientific and Industrial Research Organization Bulletin 232 (1948).
Webb 241	L. J. Webb, "Australian Phytochemical Survey. Part I," [Australia] Commonwealth Scientific and Industrial Research Organization Bulletin 241 (1949).

Code for the references

Webb 268	L. J. Webb, "Australian Phytochemical Survey. Part II," [Australia] Commonwealth Scientific and Industrial Research Organization Bulletin 268 (1952).
Webb PS	L. J. Webb, "A Preliminary Phytochemical Survey of Papua-New Guinea," Pacific Science 9: 430 (1955).
White	E. P. White, "Alkaloids of the Leguminosae," New Zealand Journal of Science and Technology, Sec. B, *26* (*1945*): I, 93–98; II, 98–102; III, 103–105; V, 106–108; VI, 109–112; VII, 113–114; (*1944*): VIII, 137–138; IX, 139–142; X, 143–146; XI, 146–151; XII, 152–157; XIII, 157–162; *27* (*1946*): XIV, 335–339; XV, 339–345; *33* (*1951*): XXII, 54–60; *38* (*1957*): XXV, 712–718; XXVI, 718–725.
W–K	A. S. C. Wan and A. K. Kiang. *In* Proceedings of Symposium on Phytochemistry, Kuala Lumpur, December 1957. Publication of UNESCO Science Cooperation Office for Southeastern Asia.

Code for the plant parts

b—bark
bu—bulb
fd—frond
fl—inflorescence
fr—fruit
l—leaf
my—mycelium
r—root
rb—root bark
rh—rhizome
s—stem, twig
scl—sclerotium
sd—seed
sp—sporophyte
t—tuber
w—whole plant above ground
wd—wood
yw—young whole plant

Table 1.—*Plants and their contained alkaloids*

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
ACANTHACEAE			
1. *Acanthus balsamifera*	*l, s*	unn	D–K.
2. *Adhatoda vasica* Nees	*l*	vasicine	M–H III 102.
	l, s	unn	D–K.
3. *Asteracantha longifolia* Nees		unn	Orekhov 794.
		unn. (2)	CA 47:4044.
4. *Asystasia gangetica* T. Anders.		unn	We 1144.
5. *Gendarussa vulgaris* Nees	*l, s*	unn	D–K.
6. *Graptophyllum pictum* Griff.	*l*	unn	We 1143.
7. *Hypoestes floribunda* R. Br.	*r*	unn	Webb 241.
8. *Jacobinia coccinea* Hiern	*l*	unn	We 1144.
	l, s	unn	D–K.
9. *Justicia adhatoda* L.	*l*	vasicine	We 1143.
10. *Justicia gandarussa* L. f.	*l*	unn	We 1143.
11. *Justicia hygrophiloides* F. Muell.	*l, s*	unn	Webb 268.
12. *Phlogacanthus cardinalis*	*l*	unn	We 1144.
13. *Pseuderanthemum graciliflorum* Ridley	*s*	unn	D–K.
14. *Pseuderanthemum variabile* (R. Br.) Radlk.	*w*	unn	Webb 241.
15. *Pseuderanthemum* sp.	*l*	unn	Arthur.
16. *Rhinacanthus communis* Nees	*r*	unn	We 1144.
17. *Thunbergia alata* Boj.	*l*	unn	Arthur.
18. *Thyrsacanthus bracteolatus* Nees	*l, s*	unn	D–K.
ACERACEAE			
18A. *Acer saccharinum* L.	*l, s*	unn	Wall 60.
AGARICACEAE			
19. *Agaricus campestris* L. ex Fr.	*sp*	hercynine	Merck.
20. *Agaricus muscarius*=*Amanita muscarius* (Fr.) S. F. Gray.	*sp*	muscarine	CA 17:3162.
21. *Agaricus nebularis*=*Clitocybe nebularis* (Fr.) Quel.	*sp*	nebularine	CA 49:6276.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AGARICACEAE—Continued			
22. *Agaricus ruber* Fr.=*Russula rubra* Fr.	*sp*	agarythrine	Merck.
23. *Amanita mappa* Quel.	*sp*	bufotenine	CA 48:7004.
24. *Amanita muscaria* Fr.	*sp*	bufotenine	AJP 130:264.
	sp	hercynine	Merck.
	sp	hyoscyamine(?)	BA 30:5989.
	sp	muscarine	Henry 658.
	sp	α- and β-myketosine	CA 6:529.
25. *Amanita pantherina* (DC.) Kummer	*sp*	bufotenine	AJP 130:264.
	sp	hyoscyamine(?)	BA 30:5989.
	sp	muscarine	CSJ 62:232.
26. *Amanita phalloides* (Fr.) Kummer	*sp*	α-, β-, and γ-amanitine	AC 69:44
	sp	phalloidine	AC 69:44.
27. *Clitocybe dealbata* (Fr.) Gill. var. *sudorifica* Pk.	*sp*	muscarine (?)	CA 5:3296.
28. *Clitocybe subilludens* Murr.	*my*	ergonovine	CA 47:7741.
	my	ergotamine	CA 47:7741.
29. *Coprinus comatus* Fr.	*sp*	ergothioneine	Archiv Pharm. 290:517.
	sp	tyramine	BA 33:23392.
30. *Inocybe asterospora* Quel.	*sp*	muscarine	CA 44:9522.
31. *Inocybe cookei* Bres.	*sp*	muscarine	CA 44:9522.
32. *Inocybe frumentacea* (Fr.) Bres.	*sp*	muscarine	CA 15:1552.
33. *Inocybe patouillardii* Bres.	*sp*	muscarine	Helv 40:886.
34. *Inocybe rimosa* (Fr.) Kummer	*sp*	muscarine	CA 44:9522.
35. *Inocybe sambucina* (Fr.) Quel.	*sp*	muscarine	CA 15:1552.
36. *Inocybe umbrina* Bres.	*sp*	muscarine	CA 44:9522.
37. *Inocybe* sp.	*sp*	unn	CA 44:9522.
38. *Panaeolus campanulatus* (Fr.) Quel.	*sp*	5-hydroxytryptamine	Science 128:718.
39. *Psilocybe aztecorum* Heim	*my*	psilocine	CR 247:557.
	my	psilocybine	CR 247:557.
40. *Psilocybe caerulescens* Murr.	*my*	psilocybine	CR 247:557.
41. *Psilocybe mexicana* Heim	*my*	psilocine	Exp 14:107.
	my	psilocybine	Exp 14:107.

42. *Psilocybe semperviva*	*my*	psilocine	CR 247:557.
	my	psilocybine	CR 247:557.
43. *Psilocybe zapotecorum* Heim	*my*	psilocybine	CR 247:557.
44. *Russula emetica* (Fr.) S. F. Gray	*sp*	muscarine	AJP 130:264.
45. *Stropharia cubensis* Earle (*Psilocybe cubensis* (Earle) Singer).	*sp*	psilocine	CR 247:557.
	sp	psilocybine	CR 247:557.
AIZOACEAE			
48. *Glinus lotoides* Loefl. (*Mollugo glinus* A. Rich.)	*l, s*	unn	Webb 268.
49. *Mesembryanthemum anatomicum* Haw.		mesembrine	Henry 776.
50. *Mesembryanthemum expansum* L.	*w*	mesembrine	Henry 776.
51. *Mesembryanthemum tortuosum* L.	*w*	channaine	Archiv Pharm. 290:441.
	w	mesembrenine	Archiv Pharm. 290:441.
	w	mesembrine	Archiv Pharm. 290:441.
52. *Psilocaulon absimile* N. E. Br.	*w*	piperidine	M-H I 167.
		piperine	Sokolov 116.
53. *Tetragonia expansa* Murr.	*l, s, r, fr*	unn	Webb 268.
54. *Trianthema decandra* L.	*l, s, r*	unn	Webb 268.
55. *Trianthema monogyna* L.		trianthemine	CA 41:7671.
56. *Trianthema portulacastrum* L.		punarnavine	CA 35:6392.
AKANIACEAE			
57. *Akania hillii* Hook. f.	*l, b, w*	unn	Webb 241.
ALISMACEAE			
57A. *Sagittaria* sp.	*l, s*	unn	Wall 60.
AMARANTHACEAE			
58. *Achyranthes aspera* L.	*w*	unn	Webb 268.
59. *Alternanthera denticulata* R. Br.	*l, s*	unn	Webb 268.
60. *Alternanthera* sp.	*l, r*	unn	Webb 241.
61. *Amaranthus viridis* L.	*l, s, fl*	unn	Webb 268.
62. *Celosia argentea* L.	*l*	unn	Arthur.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARANTHACEAE—Continued			
63. *Chamissoa* sp.	*fl*	unn	Wall 43.
64. *Deeringia amaranthoides* E. D. Merr. (*D. celosioides* R. Br.).	*l, s, fr*	unn	Webb 268.
65. *Gomphrena celosioides* Mart.	*l, s, fl*	unn	Webb 268.
66. *Gomphrena conica* Spreng.	*s, fl*	unn	Webb 268.
67. *Trichinium alopecuroideum* Lindl.	*l, s, fr*	unn	Webb 268.
68. *Trichinium calostachyum* F. Muell.	*l, s*	unn	Webb 268.
69. *Trichinium exaltatum* Benth.	*l*	unn	Webb 268.
70. *Trichinium obovatum* Gaudich.	*l, s*	unn	Webb 268.
AMARYLLIDACEAE			
71. *Agave sisalana* Perrine	*l*	unn	PPAJ 44:101.
72. *Amaryllis belladonna* L.	*bu*	amaryllidine	CA 51:7384.
	bu	ambelline	CA 51:7384.
	bu	belladine	CA 52:11098.
	bu	bellamarine	CA 51:7384.
	bu	caranine	ACSJ 77:1253.
	bu	lycorine	Henry 406.
73. *Amaryllis formosissima* L. (*Sprekelia formosissima*)		lycorine	Klein 757.
74. *Amaryllis* hybrid	*bu*	undulatine	CI 1958:1293.
74A. *Amaryllis parkeri* Worsley (*A. belladonna* x *Brunsvigia josephinae*).	*bu*	caranine	Naturw 46:228
	bu	haemultine	Naturw 46:228.
	bu	lycorine	Naturw 46:228.
	bu	parkamine	Naturw 46:228.
	bu	petomine	Naturw 46:228.
	bu	urminine	Naturw 46:228.
75. *Ammocharis coranica* Herb.	*bu*	acetylcaranine	ACSJ 77:1253.
	bu	caranine	ACSJ 77:1253.
	bu	crinamine	ACSJ 77:1253.
	bu	lycorine	ACSJ 77:1253.
	bu	unn	Wall 363.

	bu	unn	Wall 13.
76. *Ammocharis falcata* Herb.	*bu*	unn	Wall 13.
77. *Ammocharis* sp.	*bu*	buphanine	Henry 406.
78. *Boöphone disticha* Herb.	*bu*	distichine	LCSJ 1957:2537.
			CI 1958:1293.
	bu	haemanthine	CA 47:8317.
	bu	lycorine	Henry 406.
	bu	narcissine	CA 5:3563.
	bu	unn	CJC 33:1268.
79. *Boöphone fischeri* Baker	*bu*	ambelline	CA 50:4994.
	bu	buphanamine	CA 50:4994.
	bu	buphanidrine	CA 50:4994.
	bu	buphanisine	CA 50:4994.
	bu	crinidine	CA 50:4994.
	bu	lycorine	CA 50:4994.
80. *Boöphone toxicaria* Herb.	*bu*	haemanthine	Merck.
80A. *Brunsvigia cooperi* Baker	*bu*	brunsvigine	LCSJ 1958:4701.
	bu	brunsvinine	LCSJ 1958:4701.
	bu	crinamine	LCSJ 1958:4701.
	bu	lycorine	LCSJ 1958:4701.
81. *Brunsvigia rosea* (Lam.) Hannibal	*bu*	acetylcaranine	ACSJ 77:1253.
	bu	ambelline	ACSJ 77:1253.
	bu	caranine	ACSJ 77:1253.
	bu	lycorine	ACSJ 77:1253.
	w	unn	Wall 13.
82. *Brunsvigia* sp.	*bu*	unn	Wall 13.
83. *Calostemma purpureum* R. Br.	*bu*	crinidine	Ber 90:1827.
	bu	haemanthamine	Ber 90:1827.
	bu	lycorine	Ber 90:1827.
	bu	powelline	Ber 90:1827.
84. *Chlidanthus fragrans* Herb.	*bu*	chlidanthine	CA 51:2822.
	bu	lycorine	CA 51:2822.
	bu	tazettine	CA 51:2822.
85. *Clivia elisabethae* (hybrid)	*l, rh*	ambelline	Ber 90:2203.
	l, rh	homolycorine	Ber 90:2203.
	l, rh	lycorine	Ber 90:2203.
86. *Clivia miniata* Regel	*bu*	clivonine	ACSJ 78:2899.
	r	lycorine	Henry 406.
87. *Clivia nobilis* Lindl.	*bu*	clivianine	JPA–L 1921:129.
	bu	unn	JPA–L 1921:129.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARYLLIDACEAE—Continued			
88. *Cooperanthes hortensis* (hybrid)	*bu*	galanthamine	Ber 90:2203.
	bu	lycorenine	Ber 90:2203.
	bu	lycorine	Ber 90:2203.
89. *Cooperia drummondii* Herb.		lycorine	Henry 406.
90. *Cooperia pedunculata* Herb.	*bu*	lycorine	Henry 406.
	bu	ψ-lycorine	Henry 406.
91. *Crinum amabile* Donn	*l, s, r*	unn	BA 28:4363.
92. *Crinum asiaticum* L.	*r*	crinamine	M–H II 345.
	bu	crinidine	Ber 90:2203.
	bu	haemanthamine	Ber 90:2203.
	r, sd	lycorine	M–H II 345.
93. *Crinum buphanoides* Welw.	*bu*	unn	Wall 13.
94. *Crinum defixum* Ker-Gawl.	*bu*	caranine	Ber 90:2203.
	bu	crinamine	Ber 90:2203.
	bu	crinidine	Ber 90:2203.
	bu	galanthamine	Ber 90:2203.
	bu	galanthine	Ber 90:2203.
	bu	haemanthamine	Ber 90:2203.
	bu	hippeastrine	Ber 90:2203.
	bu	lycorine	CA 49:5779.
	sd	lycorine	CA 50:13375.
95. *Crinum firmifolium* Baker	*bu*	lycorine	CA 48:4560.
96. *Crinum giganteum* Andr.	*sd*	lycorine	CA 45:821.
97. *Crinum latifolium* L.	*bu*	lycorine	CA 49:9233.
	sd	lycorine	CA 50:7404.
98. *Crinum laurentii* Durand & DeWild.	*bu*	ambelline	Ber 90:2203.
	bu	crinamine	Ber 90:2203.
	bu	galanthine	Ber 90:2203.
	bu	haemanthamine	Ber 90:2203.
	bu	lycorine	Ber 90:2203.
99. *Crinum longifolium* Roxb.	*t*	unn	Wall 363.
100. *Crinum moorei* Hook. f.	*w*	crinamidine	Ber 87:1704.

	w	crinidine	Ber 87:1704.
	w	crinine	Ber 87:1704.
	w	lycorine	Ber 87:1704.
	bu	powelline	CA 51:7384.
101. *Crinum* cf. *moorei* Hook. f.	*bu*	unn	Wall 13.
102. × *Crinum powellii* Baker	*bu*	crinamine	Ber 88:1590.
	bu	crinidine	Ber 88:1590.
	bu	crinine	Ber 88:1590.
	bu	criwelline	CA 51:7384.
	bu	lycorine	Ber 88:1590.
	bu	powelline	Ber 88:1590.
103. *Crinum pratense* Herb.	*r*	lycorine	Henry 406.
104. *Crinum scabrum* Herb.		lycorine	Henry 406.
105. *Crinum yemense* Hort.	*bu*	ambelline	Ber 90:2203.
	bu	galanthamine	Ber 90:2203.
	bu	lycorine	Ber 90:2203.
	bu	undulatine	Ber 90:2203.
	bu	yemensine	Ber 90:2203.
106. *Crinum* spp.	*bu*	crinamine	ACSJ 77:1253.
	bu	crinine	ACSJ 77:1253.
	bu	lycorine	ACSJ 77:1253.
	fr	unn	Webb 241.
		unn	Webb PS.
	bu	unn	Wall 13.
107. *Cyrtanthus pallidus* Sims	*r*	lycorine	M–H II 334.
108. *Elisena longipetala* Lindl.	*bu*	haemanthamine	Ber 90:1827.
	bu	lycorine	Ber 90:1827.
	bu	tazettine	Ber 90:1827.
109. *Eucharis amazonica* Linden		unn	Klein 757.
110. *Eucharis grandiflora* Planch. & Linden	*r*	lycorine	M–H II 334.
111. *Eurycles amboinensis* Lindl.	*r, bu*	lycorine	M–H II 334.
112. *Eurycles cunninghamii* Lindl.	*l, s, fr*	unn	Webb 241.
113. *Eurycles sylvestris* Salisb.	*r*	lycorine	We 163.
114. *Euslephia yuyuensis*	*bu*	galanthamine	Ber 90:1827.
	bu	galanthine	Ber 90:1827.
	bu	lycorine	Ber 90:1827.
115. *Galanthus elwesii* Hook. f.	*bu*	galanthamine	Ber 89:1590.
	bu	haemanthamine	Ber 89:1590.
	bu	lycorine	Ber 89:1590.
	bu	tazettine	Ber 89:1590.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARYLLIDACEAE—Continued			
116. *Galanthus nivalis* L.	*bu*	lycorine	CA 49:2680.
	bu	nivaline	ACSJ 78:2899.
	l	tazettine	CA 47:7518.
117. *Galanthus woronowii* Losinsk.	*r*	galanthamidine	CA 50:9688.
		galanthamine	CI 1954:1453.
	l, bu	galanthidine	Henry 774.
	l, bu	galanthine	Henry 774.
	r	lycorine	CA 50:9688.
	bu	unn	CA 47:6959.
118. *Haemanthus albiflos* Jacq.	*l*	lycorenine	Ber 87:1448.
	l	tazettine	Ber 87:1448.
	bu	unn	Wall 13.
119. *Haemanthus albo-maculatus* Baker	*bu*	albomaculine	ACSJ 78:2899.
	bu	coccinine	ACSJ 78:2899.
	bu	lycorenine	ACSJ 78:2899.
	bu	tazettine	ACSJ 78:2899.
120. *Haemanthus amarylloides* Jacq.	*bu*	coccinine	ACSJ 77:1248.
	bu	manthine	ACSJ 77:1248.
	bu	montanine	ACSJ 77:1248.
121. *Haemanthus coccineus* L.	*bu*	coccinine	ACSJ 77:1248.
	bu	lycorine	ACSJ 77:1248.
	bu	manthidine	ACSJ 77:1248.
	bu	montanine	ACSJ 77:1248.
	bu	unn	Wall 13.
122. *Haemanthus hirsutus* Baker	*bu*	unn	ACSJ 77:1248.
123. *Haemanthus* (hybr. King Albert)	*w*	haemanthamine	Ber 89:1129.
	w	haemanthidine	Ber 89:1129.
	w	lycorine	Ber 89:1129.
	w	punikathine	Ber 89:1129.
124. *Haemanthus montanus* Baker	*bu*	montanine	ACSJ 77:1248.
125. *Haemanthus multiflorus* Martyn	*bu*	chlidanthine	Naturw 45:262.
	bu	haemanthidine	Naturw 45:262.
	bu	haemultine	Naturw 45:262.

	bu	hippeastrine	Naturw 45:262
	bu	lycorine	Naturw 45:262.
126. *Haemanthus natalensis* Hook.	*bu*	haemanthidine	CI 1956:123.
	bu	natalensine	ACSJ 77:1248.
127. *Haemanthus nelsonii* Baker	*bu*	unn	Wall 13.
	bu	unn	ACSJ 77:1248.
128. *Haemanthus puniceus* L.		haemanthidine	CI 1956:123.
	bu	natalensine	ACSJ 77:1248.
129. *Haemanthus* sp.	*bu*	unn	Wall 13.
130. *Hessea* (*Periphanes*) *zeyheri* Baker	*bu*	unn	Wall 13.
131. *Hippeastrum bifidum* Baker	*bu*	lycorine	Ber 90:1827.
132. *Hippeastrum rutilum* Herb.	*bu*	galanthamine	Naturw 45:390.
	bu	haemanthamine	Naturw 45:390.
	bu	hippeastrine	Naturw 45:390.
	bu	homolycorine	Naturw 45:390.
	bu	lycorine	Naturw 45:390.
133. *Hippeastrum vittatum* Herb.	*bu*	haemanthamine	Ber 89:1129.
	bu	hippeastrine	Ber 89:1129.
	bu	homolycorine	Ber 89:1129.
	w, bu	lycorine	Ber 87:1704.
	w, bu	tazettine	Ber 87:1704.
	bu	vittatine	Ber 89:1129.
134. *Hippeastrum* sp.	*bu*	unn	Wall 13.
135. *Hymenocallis adnata* Herb.		unn	Klein 757.
136. *Hymenocallis amancaes* (*Ismene amancaes*) (Ruiz & Pavon) Nichols.	*bu*	galanthamine	Naturw 45:315.
	bu	galanthine	Naturw 45:315.
	bu	haemanthamine	Naturw 45:315.
	bu	hippeastrine	Naturw 45:315.
	bu	lycorine	Naturw 45:315.
	bu	nerinine	Naturw 45:315.
	bu	tazettine	Naturw 45:315.
		unn	CA 50:5242.
137. *Hymenocallis calathina* Nichols	*bu*	galanthamine	Naturw 45:315.
	bu	haemanthamine	Naturw 45:315.
	bu	homolycorine	Naturw 45:315.
	bu	lycorine	Naturw 45:315.
	bu	nerinine	Naturw 45:315.
	bu	tazettine	Naturw 45:315.
	bu	vittatine	Naturw 45:315.

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Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARYLLIDACEAE—Continued			
138. *Hymenocallis caymanensis* Herb.	*bu*	lycorine	CA 49:11670.
	l, bu	tazettine	CA 49:11670.
139. *Hymenocallis littoralis* Salisb.	*r*	lycorine	M–H II 335.
	bu	tazettine	CA 49:11670.
140. *Hymenocallis occidentalis*]Kunth	*bu*	lycorine	CA 49:11670.
	bu	nivaline	ACSJ 78:2899.
	bu	tazettine	CA 49:11670.
141. *Hymenocallis rotata* Herb.	*bu*	galanthamine	Naturw 45:315.
	bu	haemanthamine	Naturw 45:315.
	bu	hippeastrine	Naturw 45:315.
	bu	homolycorine	Naturw 45:315.
	bu	lycorine	Naturw 45:315.
	bu	tazettine	Naturw 45:315.
	bu	unn	Wall 13.
142. *Hymenocallis speciosa* Salisb.	*bu*	haemanthamine	Ber 90:1827.
	bu	hippeastrine	Ber 90:1827.
	bu	lycorine	Ber 90:1827.
	bu	nerinine	Ber 90:1827.
	bu	tazettine	Ber 90:1827.
143. *Leucojum aestivum* L.	*l*	galanthamine	Ber 90:2203.
	l, t	isotazettine	CA 52:9169.
	l	lycorenine	Ber 90:2203.
	bu	lycorine	Ber 90:2203.
	l	lycorine	CA 52:9169.
	w	unn	Wall 13.
144. *Leucojum vernum* L.		galanthamine	CI 1954:1453.
	bu	homolycorine	CA 49:2680.
	bu	lycorenine	CA 49:2680.
	bu	lycorine	Ber 87:681.

145. *Lycoris albiflora* Koidz.	*bu*	galanthamine	Naturw 45:390.
	bu	homolycorine	Naturw 45:390.
	bu	lycorenine	Naturw 45:390.
	bu	lycorine	Naturw 45:390.
146. *Lycoris aurea* Herb.	*bu*	galanthamine	Ber 90:369.
	bu	lycorine	Ber 90:369.
147. *Lycoris incarnata* Sprenger	*bu*	galanthamine	Ber 90:369.
	bu	haemanthidine	Ber 90:369.
	bu	lycorine	Ber 90:369.
148. *Lycoris radiata* Herb.	*bu*	base IX	M–H II 335.
	bu	demethylhomolycorine	LCSJ 1959:172.
	bu	galanthamine	CI 1954:1453.
	bu	homolycorine	M–H II 335.
	bu	Ψ-homolycorine	CA 26:4818.
	bu	lycoramine	M-H II 335.
	bu	lycoremine	CA 50:13960.
	bu	lycorenine	M–H II 335.
	bu	lycorine	M–H II 335.
	bu	Ψ-lycorine	CA 26:4818.
	bu	norpluviine	LCSJ 1959:172.
		pluviine	CA 51:13885.
	bu	sekisanine	M–H II 335.
	bu	sekisanoline	M–H II 335.
		suisenine	Orekhov 724.
	bu	tazettine	M–H II 335.
149. *Lycoris squamigera* Maxim.		base IX	ACSJ 78:4146.
	fl	unn	Wall 13.
150. *Narcissus cyclamineus* DC.	*bu*	galanthine	Ber 90:725.
	bu	haemanthidine	Ber 90:725.
	bu	homolycorine	Ber 90:725.
	bu	lycoramine	Ber 90:725.
	bu	lycorenine	Ber 90:725.
	bu	lycorine	Ber 90:725.
	bu	narcissidine	Ber 90:725.
	bu	pluviine	Ber 90:725.
	bu	tazettine	Ber 90:725.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARYLLIDACEAE—Continued			
151. *Narcissus* hybrids	*bu*	base D	Ber 90:2197.
	bu	caranine	Ber 90:2197.
	bu	daphnarcine	Ber 90:2197.
	bu	fiancine	Ber 90:2197.
	bu	galanthamine	Ber 90:2197.
	bu	galanthine	Ber 90:2197.
	bu	haemanthamine	Ber 90:2197.
	bu	hippeastrine	Ber 90:2197.
	bu	homolycorine	Ber 90:2197.
	bu	insulamine	Ber 90:2197.
	bu	irenine	Ber 90:2197.
	bu	lycorenine	Ber 90:2197.
	bu	lycorine	Ber 90:2197.
	bu	magnarcine	Naturw 46:228.
	bu	narcissamine	Ber 90:2197.
	bu	narcissidine	Ber 90:2197.
	bu	narwedine	Ber 90:2197.
	bu	oduline	Ber 90:2197.
	bu	petomine	Ber 90:2197.
	bu	pluviine	Ber 90:2197.
	bu	robecine	Ber 90:2197.
	bu	tazettine	Ber 90:2197.
152. *Narcissus incomparabilis* Mill	*bu*	galanthamine	Ber 89:163.
	bu	galanthine	Ber 89:163.
	bu	haemanthamine	Ber 89:163.
	bu	lycorenine	Ber 89:163.
	bu	lycorine	Ber 89:163.
	bu	narcissidine	Ber 89:163.
	bu	pluviine	Ber 89:163.
153. *Narcissus jonquilla* L.	*bu*	galanthamine	Ber 90:725.
	bu	haemanthamine	Ber 90:725.
	bu	hippeastrine	Ber 90:725.

	bu	homolycorine	Ber 90:725.
	bu	lycorenine	Ber 90:725.
	bu	lycorine	Ber 90:725.
	bu	oduline	Ber 90:725.
	bu	tazettine	Ber 90:725.
154. *Narcissus orientalis* L.		lycorine	Orekhov 420.
155. *Narcissus poeticus* L.	*bu*	galanthamine	Ber 89:2462.
	bu	galanthine	Ber 89:2462.
	bu	haemanthamine	Ber 89:2462.
	bu	homolycorine	Ber 89:2462.
	bu	lycorenine	CA 49:2680.
	bu	lycorine	CA 49:2679.
		narcipoetine	M–H II 335.
	bu	narcissidine	CA 49:2679.
	bu	poeticine	Ber 89:2462.
155A. *Narcissus pseudo-narcissus* L.	*bu*	galanthamine	Ber 89:163.
	bu	galanthine	Ber 89:163.
	bu	haemanthamine	Ber 89:163.
	bu	homolycorine	ACSJ 78:4145.
	bu	lycorenine	Ber 89:163.
	bu	lycorine	Ber 89:163.
	bu	methylpseudolycorine	ACSJ 78:4145.
	bu	narcissamine	ACSJ 78:4145.
	bu	pluviine	Ber 89:163.
156. *Narcissus tazetta* L.	*bu*	fiancine	Ber 89:2462.
	bu	galanthamine	Ber 89:2462.
	bu	galanthine	Ber 89:2462.
	bu	haemanthamine	Ber 89:2462.
	bu	hippeastrine	Ber 89:2462.
	bu	homolycorine	Ber 89:2462.
	bu	lycorine	M–H II 335.
	bu	narcissidine	Ber 89:2462.
	bu	nartazine	Ber 89:2462.
	bu	narzettine	Ber 89:2462.
	bu	pluviine	Ber 89:2462.
	bu	suisenine	M–H II 335.
	bu	tazattine	M–H II 335.
157. *Narcissus* cf. *tazetta* L.	*l, bu*	unn	Wall 13.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARYLLIDACEAE—Continued			
158. *Narcissus triandrus* L.	*bu*	galanthamine	Ber 90:725.
	bu	haemanthamine	Ber 90:725.
	bu	homolycorine	Ber 90:725.
	bu	lycorenine	Ber 90:725.
	bu	lycorine	Ber 90:725.
	bu	tazettine	Ber 90:725.
159. *Nerine* (?) *angustifolia* Baker	*bu*	unn	Wall 13.
160. *Nerine bowdenii* W. Watson	*bu*	ambelline	CA 51:7384.
	bu	crinamidine	CA 51:7384.
	bu	crinidine	CA 51:7384.
	bu	lycorine	CA 51:7384.
	bu	undulatine	CA 51:7384.
161. *Nerine corusca* Herb.	*bu*	coruscine	Ber 90:369.
	bu	crinamidine	Ber 90:369.
	bu	lycorine	Ber 90:369.
	bu	neruscine	Ber 90:369.
	bu	tazettine	Ber 90:369.
	bu	vittatine	Ber 90:369.
162. *Nerine falcata* Barker	*bu*	caranine	ACSJ 77:4807.
	bu	falcatine	ACSJ 77:4807.
	bu	lycorine	ACSJ 77:4807.
163. *Nerine flexuosa* Herb. var. *alba*	*bu*	ambelline	Ber 90:369.
	bu	crinamidine	Ber 90:369.
	bu	flexinine	Ber 90:369.
	bu	lycorine	Ber 90:369.
	bu	undulatine	Ber 90:369.
164. *Nerine krigei* Barker	*bu*	krigeine	ACSJ 78:2899.
	bu	lycorine	ACSJ 78:2899.
	bu	neronine	ACSJ 78:2899.
165. *Nerine laticoma* (Ker) Dur. & Schinz	*bu*	caranine	ACSJ 77:4807.
	bu	falcatine	ACSJ 77:4807.
	bu	lycorine	ACSJ 77:4807.

166. *Nerine masonorum* L. Bolus	*bu*	caranine	Naturw 45:85.
	bu	crinidine	Naturw 45:85.
	bu	haemanthamine	Naturw 45:85.
	bu	lycorine	Naturw 45:85.
	bu	masonine	Naturw 45:85.
	bu	narcissidine	Naturw 45:85.
	bu	tazettine	Naturw 45:85.
167. *Nerine sarniensis* Herb.	*w*	lycorine	Ber 87:1704.
	w	nerinine	Ber 87:1704.
	w	tazettine	Ber 87:1704.
168. *Nerine undulata* Herb.	*bu*	ambelline	CA 51:2822.
	bu	base N	CA 51:2822.
	bu	buphanamine	Naturw 46:228.
	bu	crinidine	Naturw 46:228.
	bu	crispine	CA 51:2822.
	bu	lycorine	CA 51:2822.
	bu	nerispine	CA 51:2822.
	bu	nerundine	Naturw 46:228.
	bu	undulatine	CA 51:2822.
169. *Pamianthe peruviana* Stapf	*bu*	unn	Wall 13.
170. *Pancratium illyricum* L.	*bu*	galanthamine	Ber 90:369.
	bu	lycorine	Ber 90:369.
	bu	vittatine	Ber 90:369.
171. *Pancratium maritimum* L.	*bu*	hippeastrine	CA 51:7384.
	bu	lycorine	CA 49:1159.
	bu	pancratine	CA 50:2627.
	bu	tazettine	CA 51:7384.
172. *Pancratium* sp.	*bu*	unn	Wall 13.
173. *Sprekelia formosissima* Herb.	*bu*	haemanthamine	Ber 88:1590.
	bu	haemanthidine	Ber 88:1590.
	bu	lycorine	Ber 88:1590.
	bu	tazettine	Ber 88:1590.
174. *Sternbergia fischeriana* Rupr.	*bu*	galanthamine	Naturw 45:390.
	bu	hippeastrine	Naturw 45:390.
	t	lycorine	CA 49:3216.
		sternidine	Orekhov 725.
	t	sternine	CA 49:3216.
	t	unn	CA 49:3216.
175. *Sternbergia lutea* Ker-Gawl.	*t*	luteine	CA 49:3216.
	t	lycorine	CA 49:3216.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
AMARYLLIDACEAE—Continued			
176. *Ungernia ferganica* Vved	*bu*	lycorine	CA 52:9173.
	bu	tazettine	CA 52:9173.
177. *Ungernia sewerzowii* Fedtsch	*bu*	lycorine	Henry 406.
	bu	tazettine	Henry 406.
	bu	ungeridine	CA 49:1281.
	bu	ungerine	CA 49:1281.
178. *Ungernia tadshikorum* Vved	*bu*	lycorine	M–H II 335.
	bu	ungeridine	CA 52:9173.
	bu	unn	M–H II 335.
179. *Ungernia trisphaera* Bunge	*w*	unn	CA 35:4154.
180. *Ungernia victoris* Vved	*bu*	galanthamine	CA 52:9173.
	bu	lycorine	CA 52:9173.
181. *Urceolina miniata* Benth. & Hook. f	*bu*	haemanthamine	Ber 90:1827.
	bu	lycorine	Ber 90:1827.
	bu	tazettine	Ber 90:1827.
	bu	urceoline	Ber 90:1827.
	bu	urminine	Ber 90:1827.
182. *Vallota purpurea* Herb	*yw*	galanthamine	CA 51:2822.
	yw	haemanthamine	CA 51:2822.
	yw	haemanthidine	CA 51:2822.
	yw	lycorine	CA 51:2822.
	yw	vallotidine	CA 51:2822.
	yw	vallotine	CA 51:2822.
183. *Vallota speciosa* (L.f.) Dur. & Schinz	*bu*	unn	Wall 13.
183A. *Zephyranthes andersoniana* Benth. & Hook. f	*bu*	galanthamine	Naturw 45:390.
	bu	haemanthamine	Naturw 45:390.
184. *Zephyranthes candida* (Lindl.) Herb	*bu*	haemanthamine	Ber 88:1590.
	bu	lycorine	Ber 88:1590.
	bu	nerinine	Ber 88:1590.
	bu	tazettine	Ber 88:1590.
185. *Zephyranthes carinata* Herb	*bu*	galanthine	Ber 90:2203.
	bu	haemanthamine	Ber 90:2203.

	bu	lycorine	Ber 90:2203.
	bu	tazettine	Ber 90:2203.
186. *Zephyranthes citrina* Baker	*bu*	galanthine	Ber 90:2203.
	bu	haemanthamine	Ber 90:2203.
	bu	lycorenine	Ber 90:2203.
	bu	lycorine	Ber 90:2203.
187. *Zephyranthes rosea* Lindl.	*bu*	galanthamine	Ber 90:2203.
	r	lycorine	Henry 406.
188. *Zephyranthes texana* Herb.	*bu*	lycorine	BA 16:5399.
ANACARDIACEAE			
189. *Euroschinus falcatus* (?) Hook. f.	*b*	unn	Webb 241.
190. *Loxopterigium lorentzii* Griseb. (see 192, 194)		loxopterygine	Klein 731.
191. *Quebracho colorado* (*Schinopsis balansae* and *S. lorentzii*).		loxopterygine	Orekhov 773.
192. *Quebrachia lorentzii* Griseb. (see 190, 194)	*b*	loxopterygine	Henry 782.
193. *Rhus coriaria* L.	*fr*	unn	CA 50:490.
194. *Schinopsis lorentzii* (Griseb.) Engl. (see 190, 192)		loxopterygine	Orekhov 773.
195. *Sclerocarya caffra* Sond.	*b*	unn	We 705.
ANNONACEAE			
196. *Alphonsea ventricosa* Hook. f. & Thoms.		alphonsine	Sokolov 119.
197. *Anaxagorea javanica* Blume	*s, r*	unn	D–K.
198. *Ancana stenopetala* F. Muell.	*l*	unn	Webb 268.
199. *Annona cherimolia* Mill.	*sd*	caffeine	BA 24:7303.
	l, s	unn	Wall 55.
200. *Annona glabra* L.	*l*	unn	Webb 268.
	l, s, fr	unn	Wall 55.
201. *Annona muricata* L.		anonaine	Sokolov 119.
		anoniine	Sokolov 119.
	b	muricine	Henry 317.
	b	muricinine	Henry 317.
	l, s	unn	D–K.
202. *Annona purpurea* Mociño & Sessé	*l*	unn	Wall 15.
203. *Annona reticulata* L.	*b*	anonaine	M–H IV 142.
	l, s	unn	Wall 55.
204. *Annona squamosa* L.	*l, sd*	anonaine	M–H IV 142.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
ANNONACEAE—Continued			
205. *Annona triloba* L.	*b*	anolobine	CJR 16 B:76.
		artabotrinine	Orekhov 362.
		asiminine	Henry 317.
206. *Annona* sp.	*l*	unn	Webb 268.
207. *Artabotrys suaveolens* Blume	*s,b*	artabotrine	Merck.
		artabotrinine	M–H IV 86.
		suaveoline	Henry 317.
208. *Asimina triloba* (L.) Dunal	*b*	anolobine	M–H IV 139.
	sd	asiminine	Merck.
	l, s	unn	Wall 55.
209. *Cananga* sp.		unn	Webb PS.
210. *Coelocline polycarpa* A. DC.	*b*	berberine	Henry 329.
210A. *Enantia chlorantha*	*b*	palmatine	Naturw 46:263.
211. *Goniothalamus curtisii* King	*r*	unn	D–K.
212. *Guatteria pallida* Blume	*l*	unn	Klein 708.
213. *Haplostichanthus johnsonii* F. Muell.	*l*	unn	Webb 268.
214. *Melodorum* sp.		unn	Klein 708.
215. *Mitrephora* sp.	*l*	unn	Webb 268.
215A. *Monoon costigatum* = *Polyalthia costigerum* (Miq.) Boerl. (*M. costigerum* Miq.).		unn	Klein 708.
216. *Orophea* sp.		unn	Klein 708.
	l, s, sd	unn	Bisset 125.
217. *Oxymitra* sp.		unn	Klein 708.
218. *Phaeanthus ebracteolatus* (Presl) Merr.		phaeantharine	BA 26:13175.
		phaeanthine	CA 26:729.
219. *Polyalthia affinis* Teijsm. & Binn.		unn	Klein 708.
221. *Polyalthia nitidissima* Benth.	*l*	unn	Webb 268.
222. *Polyalthia purpurea* Ridley	*l, s*	unn	D–K.
223. *Polyalthia* sp.		unn	Webb PS.
224. *Popowia australis* Benth.	*l*	unn	Webb 268.
225. *Popowia pisocarpa* Endl.		unn	Klein 707.

226. *Rauwenhoffia (Melodorum) leichhardtii* (F. Muell.) Diels.	*l, s*	unn	Webb 268.
227. *Saccopetalum* sp.		unn	Klein 708.
228. *Uvaria hirsuta* Jack	*l, s*	unn	D–K.
229. *Uvaria membranacea* Benth.	*l*	unn	Webb 268.
230. *Xylopia discreta* (L.) Sprague & Hutchinson	*b*	discretamine	Helv 42:335
	b	discretine	Helv 42:335.
	b	discretinine	Helv 42:335.
	b	xylopine	Helv 42:335.
	b	xylopinine	Helv 42:335.
231. *Xylopia ferruginea* Baill.	*l, s*	unn	D–K.
232. *Xylopia macrocarpa* A. Cheval.	*b*	berberine	Henry 317.
233. *Xylopia polycarpa* Oliver	*b*	berberine	M–H IV 86.
APOCYNACEAE			
233A. *Aganosma dichotoma* (Roth) K. Schum. (*A. caryophyllata* (Wall.) G. Don).	*l, b*	unn	Bisset (2) 111.
234. *Allamanda neriifolia* Hook.	*l, s*	unn	D–K.
235. *Alstonia actinophylla* (Cunn.) K. Schum.		echitamine	RSWAJ 41:1 (1958).
	l, b	unn	Webb 241.
236. *Alstonia angustiloba* Miq.	*b*	echitamine	Henry 716.
236A. *Alstonia brassii* Monachino		unn	Bisset (2) 151.
237. *Alstonia congensis* Engl.	*b*	echitamidine	Henry 716.
	b	echitamine	CA 49:14266.
238. *Alstonia constricta* F. Muell.	*rb*	alstonidine	APAJ 46:508.
	b	alstoniline	Henry 716.
	rb	alstonine	APAJ 46:508.
	b	porphyrine	Henry 716.
	b	porphyrosine	Henry 716.
	rb	rauwolscine	APAJ 46:508.
	rb	reserpine	CA 49:10334.
	rb	tetrahydroalstonine	APAJ 46:508.
	rb	yohimbine	APAJ 46:508.
	l	unn	Webb 241.
239. *Alstonia gilletii* DeWild.	*b*	echitamine	Henry 716.
240. *Alstonia macrophylla* Wall.	*b*	macralstonidine	Henry 716.
	b	macralstonine	Henry 716.
		macrophylline	CA 31:6243.
	b	villalstonine	Henry 716.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
241. *Alstonia muelleriana* Domin	*b, l*	unn	Webb 268.
242. *Alstonia scholaris* (L.) R. Br.		alstonine	Sokolov 129.
	b	ditamine	Henry 716.
	b	echitamidine	Henry 716.
	b	echitamine	Henry 716.
	b	echitenine	Henry 716.
		porphyrine	Sokolov 129.
243. *Alstonia sericea* Blume		unn	We 985.
244. *Alstonia somersetensis* F. M. Bailey	*b*	macralstonidine	Henry 716.
		macralstonine	Orekhov 786.
	b	villalstonine	Henry 716.
245. *Alstonia spatulata* Blume	*b*	echitamine	Henry 716.
	l	unn	D–K.
246. *Alstonia spectabilis* R. Br.	*b*	alstonamine	Henry 716.
	b	ditamine	Henry 716.
	b	echitamine	Henry 716.
	b	echitenine	Henry 716.
247. *Alstonia verticillosa* F. Muell.	*b*	echitamine	Henry 716.
		macralstonidine	Orekov 786.
		macralstonine	Orekov 786.
		villalstonine	Orekov 786.
248. *Alstonia villosa* Blume		macralstonidine	Orekov 786.
		macralstonine	Orekhov 786.
	b	villalstonine	Henry 716.
	b	unn	Webb 241.
249. *Alstonia* spp.		unn	Webb PS.
250. *Alyxia ilicifolia* F. Muell.	*l*	unn	Webb 268.
251. *Alyxia ruscifolia* R. Br.	*l, fr*	unn	Webb 241.
252. *Alyxia stellata* Roem. & Schult.	*b*	unn	We 988.
253. *Alyxia* sp.	*l*	unn	Webb 241.
254. *Amsonia ciliata* Walt.	*l*	unn	Wall 55.
	w	unn	Wall 13.
255. *Amsonia elliptica* (Thunb.) Roem. & Schult.	*r*	amsonine	CA 50:16033.

	r	β-yohimbine	Bisset (2) 171.
	r	unn.	CA 50:14886.
256. *Amsonia tabernaemontana* Walt.	*sd*	tabersonine	CR 248:3005.
	l	unn.	Bisset (2) 170.
257. *Aspidosperma album* (Vahl) Benoist	*b*	unn.	CA 48:13958.
258. *Aspidosperma australe* Muell. Arg.	*b*	aspidospermine	BA 22:22299.
259. *Aspidosperma chakense* Speg.	*b*	quebrachamine	JOC 21:979.
	b	spegazzinine	JOC 21:979.
260. *Aspidosperma excelsum* Benth.		unn.	CA 49:1280.
260A. *Aspidosperma longepetiolatum* Kuhlm.	*b*	gratambuine	Exp 15:179.
	b	unn. (3)	Exp 15:179.
261. *Aspidosperma megalocarpon* Muell. Arg.	*b*	unn.	CA 48:13958.
262. *Aspidosperma oblongum* A. DC.		unn.	CA 47:7109.
262A. *Aspidosperma olivaceum* Muell. Arg.	*l, b*	olivacine	CA 53:6526.
	l, b	uleine	CA 53:6526.
263. *Aspidosperma peroba* Saldanha da Gama	*b*	aspidosamine	N-O 115.
	b	aspidospermanine	N-O 115.
	b	aspidospermicine	N-O 115.
	b	aspidospermine	Klein 792.
264. *Aspidosperma polyneuron* Muell. Arg.	*b*	alkaloids A, B	CA 52:14081.
	b	aspidospermanine	N-O 115.
	b	aspidospermicine	M-H II 422.
	rb	aspidospermine	Helv 42:874.
	rb	palosine	Helv 42:874.
	rb	quebrachamine	Helv 42:874.
	rb	yohimbine (?)	Helv 42:874.
265. *Aspidosperma pyricollum* Muell. Arg.	*l, s*	aspidospermine	Klein 792.
266. *Aspidosperma quebracho* Griseb.	*b*	aspidosamine	Henry 511.
	b	aspidospermatine	Merck.
	b	aspidospermine	Henry 511.
	b	hypoquebrachine	Henry 511.
	b	quebrachamine	Henry 511.
	b	yohimbine	Henry 511.
267. *Aspidosperma quebracho-blanca* Schlecht.	*b*	aspidosamine	Merck.
	b	aspidospermatine	Quart Rev 10:139.
	b	aspidospermicine	Quart Rev 10:139.
	b	aspidospermine	M-H II 422.
	b	hypoquebrachine	Quart Rev 10:139.
	b	quebrachamine	M-H II 422.
	b	yohimbine	M-H II 422.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
268. *Aspidosperma quirandy* Hassler	*b*	aspidosamine	M-H II 422.
	b	aspidospermine	M-H II 422.
	b	haslerine	M-H II 422.
	b	quirandine	M-H II 422.
269. *Aspidosperma sessiliflorum* Muell. Arg.	*l, b*	aspidospermine	Klein 792.
270. *Aspidosperma ulei* Markgraf	*rb*	U-alkaloids B, C, D	Helv 41:288.
	rb	uleine	Helv 40:1189.
271. *Aspidosperma* spp.	*b*	paytamine	M-H II 422.
	b	paytine	M-H II 422.
		unn.	BA 23:1939.
272. *Beaumontia grandiflora* Wall.	*s*	unn.	D-K.
273. *Beaumontia multiflora* Teijsm. & Binn.	*l, s*	unn.	D-K.
274. *Calpicarpum roxburghii* G. Don=*Kopsia fruiticosa* (Ker) A. DC.		unn.	M-H V 315.
274A. *Carissa carandus* L.	*b*	unn.	Bisset (2) 124.
274B. *Carissa edulis* Vahl	*l, s*	unn.	Bisset (2) 124.
275. *Carissa ovata* R. Br.	*l, s, b*	unn.	Webb 241, 268.
275A. *Carpodinus dulcis* Sab.	*rb*	unn.	Bisset (2) 125.
275B. *Carpodinus gracilis* Stapf	*b*	unn.	Bisset (2) 125.
276. *Catharanthus lanceus* (Boj. ex A. DC.) Pichon	*l, s, r*	unn.	CR 245:1265.
277. *Catharanthus longifolius* (Pichon) Pichon	*l, r*	unn.	CR 245:1265.
278. *Catharanthus roseus* (L.) G. Don	*l, s, r*	unn.	CR 245:1265.
279. *Catharanthus trichophyllus* (Baker) Pichon	*w*	unn.	CR 245:1265.
280. *Cerbera ahouai* L.		carpaine	Sokolov 133.
281. *Chilocarpus australis* F. Muell.	*l*	unn.	Webb 241.
281A. *Chilocarpus suaveolens* Bl.	*b*	unn.	Bisset (2) 129.
282. *Chonemorpha macrophylla* (Roxb.) G. Don	*rb*	chonemorphine	CA 49:15926.
283. *Chonemorpha penangensis* Ridley	*l, s*	unn.	D-K.
283A. *Conopharyngia pachysiphon*	*r*	20α-amino-3β-hydroxy-5-pregnene.	ACSJ 81:3154.
284. *Cyrtosiphonia madurensis* Teijsm. & Binn.		unn.	We 985.
285. *Cyrtosiphonia spectabilis* Miq.		unn.	Klein 741.

286. *Dyera laxiflora* Hook. f.	*l*	unn	D-K.
287. *Elytropus chilensis* Muell. Arg.	*l, s, r*	unn	CA 47:3519.
288. *Ervatamia angustisepala* (R. Br.) Domin (*Tabernaemontana orientalis* var. *angustisepala* Benth.).	*l, s, fr*	unn	Webb 241, 268.
289. *Ervatamia orientalis* (R. Br.) Turrill (*Tabernaemontana orientalis* R. Br.).	*l, fr*	unn	Webb 241.
290. *Ervatamia* (*Tabernaemontana*) *pubescens* Markgraf	*l*	unn	Webb 268.
	l, sd, b	unn	Bisset (2) 125.
291. *Ervatamia* spp.		unn	Webb PS.
292. *Forsteronia brasiliensis* A. DC.	*l*	forsteronine	We 997.
293. *Forsteronia pubescens* A. DC.	*l*	forsteronine	Klein 795.
294. *Funtumia elastica* Stapf	*l, fr*	unn	Wall 15.
295. *Funtumia latifolia* Stapf	*l, s, r*	funtumidine	CR 246:3076.
	l, s, r	funtumine	CR 246:3076.
296. *Funtumia* spp.	*l, s, r*	unn	Wall 26.
297. *Geissospermum laeve* Miers	*b*	flavopereirine	CR 244:2066.
	b	geissospermine	Bisset (2) 162.
	l, fr, b	pereirine	Bisset (2) 162.
298. *Geissospermum sericeum* (Sag.) Benth. & Hook.		geissospermine	CA 49:4234.
299. *Geissospermum vellosii* Allem.	*b*	alkaloids D_2, E_1	ACSJ 80:1601.
	b	flavopereirine	ACSJ 80:1604.
	b	geissoschizoline	ACSJ 80:1601.
	b	geissospermine	Henry 735.
	b	pereirine	Henry 736.
		pereitrine	Sokolov 129.
	b	vellosine	Henry 736.
300. *Gonioma kamassii* E. Mey.	*b*	kamassine	CA 45:9222.
	b	quebrachamine	Helv 35:114.
		unn	Henr 781.
301. *Haplophyton cimicidum* A. DC.	*w*	cimicidine	CA 47:6594.
	w	haplophytine	CA 47:6594.
302. *Holarrhena africana* A. DC.	*b, rb*	conessimine	Bisset (2) 168.
	b	conessine	Henry 742.
	b	holafrine	Helv 41:11.
	b, rb	holarrhenine	Bisset (2) 168.
	b	holarrhetine	Helv 41:11.
	b	holarrhimine	Bisset (2) 168.
	rb	kurchicine	Bisset (2) 168.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
303. *Holarrhena antidysenterica* (Roxb.) Wall.	*b*	conamine	Ber 89:1288.
	b	conarrhimine	Ber 91:1504.
	b	conessidine	M-H V 313.
	b	conessimine	M-H V 313.
	b	conessine	M-H V 313.
	b	conimine	M-H V 313.
	b	conkurchine	M-H V 313.
	b	conkurchinine	M-H V 313.
	b	holarrhenine	M-H V 313.
	b	holarrhine	Henry 747.
	b	holarrhessimine	Ber 87:1719.
	b	holarrhidine	CA 52:8165.
	b	holarrhimine	M-H V 313.
	b	isoconessimine	M-H V 313.
	b	kurchamine	Ber 91:1504.
	b	kurchine	M-H V 313.
	b	lettocine	Henry 748.
	b	monomethyl-holarrhimines I, II	Ber 91:1504.
	b	norconessine	Henry 744.
	b	tetramethyl-holarrhimine	Ber 91:1504.
	b	trimethyl-conkurchine	Ber 89:1288.
	b	unn. (2)	M-H V 313.
304. *Holarrhena congolensis* Stapf	*b*	conessine	Henry 742.
	b, l	holarrhenine	Henry 742.
305. *Holarrhena febrifuga* Klotzsch	*b*	conessine	Henry 742.
306. *Holarrhena floribunda* Durand & Schinz		conessine	Helv 41:12.
		holarrhenine	Helv 41:12.
307. *Holarrhena wulfsbergii* Stapf	*b*	conessine	Henry 742.
308. *Hunteria corymbosa* Roxb.	*b*	unn	We 985.
309. *Hunteria eburnea* Pichon	*b*	unn	CR 240:1470.
310. *Iboga* (*Tabernanthe*) sp.	*r*	ibogaine	CR 246:279.
	r	ibogamine	CR 246:279.

		r	iboxygaine	CR 246:279.
		r	tabernanthine	CR 246:279.
311.	*Kickxia africana* Benth.	*sd*	unn	We Sup 113.
312.	*Kickxia arborea* Blume	*sd, b*	unn	Bisset (2) 117.
313.	*Kopsia albiflora* Boerl. = *K. flavida* Blume	*l*	kopsine	CA 48:1387.
314.	*Kopsia arborea* Blume	*sd*	unn	Bisset (2) 210.
315.	*Kopsia flavida* Blume		kopsamine	Bisset (2) 210.
			kopsine	Sokolov 129.
		fr	kopsinine	CA 50:1056.
		l, s	unn	D-K.
			unn	M-H V 315.
316.	*Kopsia fruticosa* (Ker) A. DC.	*l, b*	kopsine	CA 44:2997.
317.	*Kopsia longiflora* Merrill = *K. arborea* Blume	*b, l*	kopsamine	CA 53:428.
		l	kopsiflorine	CA 50:1056.
		b, l	kopsilongine	CA 53:428.
		b	kopsinine	CA 50:1056.
318.	*Kopsia pruniformis* Reichb. f. & Zoll. = *K. arborea* Blume	*l, s, sd*	unn	Bisset (2) 125.
319.	*Kopsia roxburghii* Wehmer = *K. fruticosa* (Ker) A. DC.	*sd*	unn	We 989.
320.	*Kopsia singapurensis* Ridley	*l*	kopsaporine	K-A 165.
		l	kopsingarine	K-A 165.
		l	kopsingine	K-A 165.
		l, s	unn	D-K.
321.	*Kopsia* sp. nov.	*l, s*	unn	Webb 268.
322.	*Leuconotis eugenifolius* (Wall.) A. DC.	*b*	unn	We 981.
		l	unn	D-K.
323.	*Lochnera* (*Vinca*) *lancea* (Boj.) K. Schum.	*r*	ajmalicine	CA 51:1544.
		l, s	lanceine	CA 52:5745.
		l, s	tetrahydro-alstonine	CA 52:5745.
		r	yohimbine	CA 51:1544.
		l, s	δ–yohimbine	CA 49:5496.
324.	*Lochnera* (*Vinca*) *pusilla* (Murr.) K. Schum.		vincarosine	Chopra 652.
325.	*Macoubea guianensis* Aubl.		macoubeine	Henry 372.
325A.	*Malouetia* spp.	*wd, b*	guachamacine	Bisset (2) 120.
326.	*Melodinus acutiflorus* F. Muell.	*l, b*	unn	Webb 241, 268.
327.	*Melodinus australis* Maiden & Betche	*l, s, b*	unn	Webb 268.
328.	*Melodinus bacellianus* (F. Muell.) S. T. Blake	*l, b*	unn	Webb 268.
329.	*Melodinus guilfoylei* F. Muell.	*l, b*	unn	Webb 268.
330.	*Melodinus laevigatus* Blume	*l, b, sd*	unn	Chopra 653.
331.	*Melodinus murpe* F. M. Bailey	*l*	unn	Webb 268.
332.	*Nerium oleander* L.	*l, s, fl*	unn	CA 50:5240.

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Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
333. *Ochrosia ackeringae* Miq.	*b*	unn	We 989.
	b	unn	Bisset (2) 207.
334. *Ochrosia acuminata* Trimen	*b*	unn	We 989.
335. *Ochrosia calocarpa* Miq.	*b*	unn	We 989.
336. *Ochrosia coccinea* Miq.	*b*	unn	We 989.
337. *Ochrosia cowleyi* F. M. Bailey	*l*	unn	Webb 268.
338. *Ochrosia elliptica* Labill.	*b*	ellipticine	CR 247:1390.
	b	elliptine	CR 247:1390.
	l	elliptinine	ACSJ 81:1903.
	b	methoxy-ellipticine	CR 247:1390.
	b, fr	unn	Webb 241.
	s	unn	Wall 60.
339. *Ochrosia kilneri* F. Muell.	*l*	unn	Webb 268.
340. *Ochrosia moorei* F. Muell.	*l, b*	unn	Webb 268,
341. *Ochrosia oppositifolia* (Lam.) K. Schum.	*b*	unn	CR 247:1390.
	l, s, sd	unn	Bisset (2) 125.
342. *Ochrosia poweri* F. M. Bailey	*l, s, b*	unn	Webb 241.
342A. *Odontadenia hoffmannseggiana* (Steud.) Woods	*b*	unn	Bisset (2) 121.
343. *Ophioxylon serpentinum* L. (*Rauvolfia serpentina*)	*rb*	unn	We 981.
344. *Ophioxylon trifoliatum* Gaertn. (*Rauvolfia serpentina*).	*rb*	unn	We 981.
344A. *Pachypodium brevicaule* Bak.	*b*	unn	Bisset (2) 115.
344B. *Pachypodium rutenbergianum* Vatke		unn	Bisset (2) 115.
345. *Parsonsia buruensis* (?) (Teijsm. & Binn.) Boerl.	*b, wd*	unn	Webb 268.
346. *Parsonsia* (*Lyonsia*) *eucalyptifolia* F. Muell.	*l, s*	unn	Webb 241.
347. *Parsonsia latifolia* (Benth.) S. T. Blake	*l, s*	unn	Webb 268.
348. *Parsonsia lilacina* F. Muell.	*l, s*	unn	Webb 268.
349. *Parsonsia minahassae* Koord.	*l, b*	unn	We 981.
350. *Parsonsia straminea* F. Muell.	*l, b*	unn	We 268.
351. *Parsonsia velutina* R. Br.	*l, s, fr*	unn	Webb 241, 268.

352. *Picralima klaineana* Pierre	*sd*	akuammenine	Henry 760.
	sd	akuammicine	Henry 760.
	sd	Ψ-akuammicine	Henry 760.
	sd	akuammidine	Henry 760.
	sd	akuammigine	Henry 760.
	sd	Ψ-akuammigine	Henry 760.
	sd	akuammiline	Henry 760.
	sd	akuammine	Henry 760.
353. *Picralima nitida* Th. & H. Dur.	*sd*	akuammicine	CA 51:13881.
	sd	akuammidine	CA 46:2556.
	sd	akuammigine	CA 46:2556.
	sd	Ψ-akuammigine	CA 46:2556.
	sd	akuammine	CA 46:2556.
354. *Pleiocarpa mutica* Benth.	*l, s*	unn	D–K.
355. *Pleiocarpa tubicina* Stapf	*r*	unn	CR 244:2991.
355A. *Pleioceras barteri* Baill.	*sd, rb*	unn	Bisset (2) 118.
356. *Pleioceras* sp.		unn	Schmit.
356A. *Plumeria acutifolia* Poir.	*s*	unn	Bisset (2) 178.
357. *Plumeria lancifolia* Muell. Arg.	*b*	unn	Hocking 176.
358. *Plumeria* sp.	*l, s*	unn	D–K.
359. *Prestonia amazonica* (Benth.) Macbr. (*Haemadictyon amazonicum*).	*l*	N,N-dimethyltryptamine	ACSJ 79:5735.
359A. *Prestonia quinquangularis* (Jacq.) Spreng.	*b*	unn	Bisset (2) 110.
360. *Pseudochrosia glomerata* Blume	*b*	unn	We 989.
360A. *Rauvolfia affinis* Muell. Arg. (?)	*r*	deserpidine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.
	r	reserpinine	APAJ 46:720.
361. *Rauvolfia amsoniaefolia* (Miq.) A. DC.	*r*	amsoniaefoline	PPAJ 44:127.
	r	rescinnamine	PPAJ 44:104.
	r	reserpine	PPAJ 44:104.
362. *Rauvolfia bahiensis* A. DC.	*r*	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.
363. *Rauvolfia beddomei* Hook. f.	*r*	ajmalicine	Chatt 142.
	r	sarpagine	CA 51:671.
	r	serpentine	Chatt 142.
	r	δ-yohimbine	CA 51:671.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
363A. *Rauvolfia boliviana* Mgf. = *R. schuelii* Speg.	*rb*	ajmaline	CA 53:3595.
	rb	isoreserpiline	CA 53:3595.
	rb	reserpiline	CA 53:3595.
	rb	reserpine	CA 53:3595.
364. *Rauvolfia caffra* Sond.	*r*	ajmaline	Quart Rev 10:129.
	b	rauwolfine	Henry 761.
	r	rescinnamine	APAJ 46:720.
		reserpine	CI 1956:1387.
	b	unn. (2)	Henry 761.
365. *Rauvolfia cambodiana* Pierre ex Pitard	*r*	isoreserpiline	LCSJ 1958:2432.
	r	reserpine	CI 1957:1013.
	rh	unn	CR 244:1254.
366. *Rauvolfia canescens* L. = *R. tetraphylla* L.	*r*	ajmalicine	Naturw 42:391.
	r	ajmaline	Naturw 42:391.
	l	aricine	CA 49:10320.
	r	canescine	ACSJ 77:820.
	r	corynanthine	CA 51:669.
		deserpidine	CA 49:10511.
	r	desmethoxyreserpine	APAJ 45:89.
	r	isoraunescine	APAJ 44:639.
	l	isoreserpiline	CA 49:10320.
	l	isoreserpinine	CA 49:10320.
	r	raujemidine	JOC 21:923.
	r	raunescine	APAJ 44:639.
	r	raupine	CA 51:18131.
	l	rauwolscine	CA 35:7967.
	r	recanescine	CA 50:4994.
	l	reserpiline	CA 49:10320.
		reserpine	APAJ 44:253.
	r	ψ-reserpine	LCSJ 1956:187.
	r	reserpinine	Naturw 42:391.
	r	reserpoxidine	CR 244:2989.

	r	serpentine	CA 49:11956.
	r	serpine	Naturw 45:365.
	r	yohimbine	Naturw 41:479.
	l	α-yohimbine	CA 49:10320.
	r	β-yohimbine	CA 49:10320.
	r	ψ-yohimbine	CA 49:10321.
	r	unn	C–P–W 350.
	l, fr	unn	Webb 241.
367. *Rauvolfia cubana* A. DC.	*r*	rescinnamine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.
368. *Rauvolfia cumminsii* Stapf	*rb*	reserpine	CA 50:5991.
369. *Rauvolfia decurva* Hook	*r*	isoreserpiline	APAJ 48:37.
	r	reserpiline	APAJ 48:37.
	r	reserpine	APAJ 48:37.
	r	sarpagine	APAJ 48:37.
370. *Rauvolfia degeneri* Sherff	*r*	ajmaline	C–P–W 405.
	r	serpentinine	C–P–W 405.
	r	tetraphyllicine	C–P–W 405.
	r	tetraphylline	C–P–W 405.
371. *Rauvolfia densiflora* Benth	*r*	ajmaline	Naturw 42:183.
	r	reserpine	Naturw 42:183.
372. *Rauvolfia fruticosa* Burck	*r*	ajmaline	Chatt 142.
	r	serpentine	Chatt 142.
	r	δ-yohimbine	Chatt 142.
373. *Rauvolfia grandiflora* Mart.	*rb*	reserpine	CI 1956:173.
	rb	unn	CI 1956:173.
374. *Rauvolfia hirsuta* (*heterophylla*) Jacq. = *R. tetraphylla* L.	*l, s, r*	ajmalicine	ACSJ 77:3551.
	l, s, r	ajmaline	ACSJ 77:3551.
	r	alstonine	CA 49:11239.
	l, b, wd	chalchupines A, B	CA 32:721.
	r	deserpidine	APAJ 46:7201.
	l, s, r	heterophyllin	ACSJ 77:3551.
	l, s, r	rauwolscine	ACSJ 77:3551.
	r	reserpiline	APAJ 46:720.
	r	reserpine	Naturw 42:182.
	r	sarpagine	CA 50:2745.
	l, s, r	serpentine	ACSJ 77:3551.
	r	serpine	CA 51:17957.
	l, s, r	yohimbine	ACSJ 77:3551.
	r	δ-yohimbine	CA 50:13369.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
375. *Rauvolfia indecora* Woodson	*r*	ajmaline	CA 50:13369.
	r	rescinnamine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	CA 50:13369.
	r	reserpinine	APAJ 46:720.
	r	sarpagine	CA 50:13369.
376. *Rauvolfia inebrians* K. Schum	*r*	rescinnamine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.
	r, b	unn	CA 51:6952.
377. *Rauvolfia* cf. *javanica* Koord. & Val	*l, s, sd*	unn	Bisset 125.
377A. *Rauvolfia lamarkii* A. DC.=*R. viridis* Roem. & Schult.	*r*	deserpidine	APAJ 46:720.
	r	rescinnamine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.
	r	reserpinine	APAJ 46:720.
378. *Rauvolfia ligustrina* Roem. & Schult	*r*	ajmalicine	Exp 13:479.
	r	ajmaline	Exp 13:479.
	r	aricine	Exp 13:479.
	r	deserpidine	Exp 13:479.
	r	isoraunescine	Exp 13:479.
	r	isoreserpiline	Exp 13:479.
	r	isoreserpine	Exp 13:479.
	r	isoreserpinine	Exp 13:479.
	r	ψ-reserpine	Exp 13:479.
	r	raugustine	Exp 13:479.
	r	raunescine	Exp 13:479.
	r	renoxydine	Exp 13:479.
	r	rescinnamine	Exp 13:479.
	r	reserpiline	Exp 13:479.
	r	reserpine	Exp 13:479.

	r	sarpagine	Exp 13:479.
	r	serpentine	Exp 13:479.
	r	serpentinine	Exp 13:479.
	r	yohimbine	Exp 13:479.
	r	α-yohimbine	Exp 13:479.
379. *Rauvolfia littoralis* Rusby	*r*	reserpine	APAJ 46:720.
380. *Rauvolfia macrophylla* Stapf	*r*	reserpine	CA 52:4108.
	r	unn. (3)	CA 52:4108.
381. *Rauvolfia mannii* Stapf	*r*	reserpine	CA 51:8896.
382. *Rauvolfia mauiensis* Sherff	*r*	mauiensine	Tetra 1:328.
	r	tetraphyllicine	Tetra 1:328.
	r	sandwicine	Tetra 1:328.
	r	serpentinine	Tetra 1:328.
383. *Rauvolfia micrantha* Hook. f.		ajmalicine	CA 49:9229.
		micranthine	Schl 56.
		reserpiline	CA 51:15068.
		reserpine	CA 49:9339.
		sarpagine	Schl 56.
		serpentidine	Schl 56.
		serpentine	Schl 56.
	r	δ-yohimbine	CA 52:5430.
384. *Rauvolfia mombasiana* Stapf	*r*	rescinnamine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	CI 1956:1387.
385. *Rauvolfia nana* E. A. Bruce	*r*	reserpine	CA 51:8896.
386. *Rauvolfia natalensis* Sond.	*rb*	ajmaline	CSJ 1956:215.
	b	rauwolfine	We Sup 172.
	rb	reserpine	CSJ 1956:215.
387. *Rauvolfia nitida* Jacq.	*r*	rescinnamine	APAJ 46:720.
	r	reserpiline	APAJ 46:720
	r	reserpine	APAJ 46:720.
388. *Rauvolfia obscura* K. Schum.		alstonine	Quart Rev 10:129.
	r	rescinnamine	APAJ 46:720.
		reserpine	CI 1956:1387.
	r, b	unn.	CA 51:6952.
389. *Rauvolfia paraensis* Ducke	*r*	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
390. *Rauvolfia pentaphylla* Ducke	*rb*	deserpidine	APAJ 46:720.
	rb	rescinnamine	APAJ 46:720.
	rb	reserpiline	APAJ 46:720.
	rb	reserpine	APAJ 46:720.
391. *Rauvolfia perakensis* King & Gamble	*r*	isoreserpiline	W–K 181.
	r	perakenine	Naturw 42:182.
	r	perakine	W–K 181.
	r	reserpine	Naturw 42:182.
	r	sarpagine	Chatt 142.
	r	unn. (3)	W–K 181.
392. *Rauvolfia pernifolia*		unn	Rev Brasil Quim 41:124.
393. *Rauvolfia rosea* K. Schum	*r*	ajmalicine	APAJ 46:720.
	r	deserpidine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.
394. *Rauvolfia salicifolia* Griseb	*r*	deserpidine	APAJ 46:720.
	r	rescinnamine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.
395. *Rauvolfia samarensis* Merr	*s*	unn	PPAJ 44:109.
396. *Rauvolfia sandwicensis* A. DC	*r*	ajmalicine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.
	r	sandwicencine	Tetra 1:328.
	r	sandwicine	Tetra 1:328.
	r	serpentinine	Tetra 1:328.
	r	tetraphyllicine	Tetra 1:328.
	r	tetraphylline	Tetra 1:328.
397. *Rauvolfia sarapiquensis* Woodson		reserpine	CI 1956:1387.
398. *Rauvolfia schuelii* Speg	*rb*	ajmaline	CA 53:3595.
	rb	aricine	CA 53:3595.

	rb	isoreserpiline	CA 53:3595.
	rb	reserpine	CA 53:3595.
	rb	reserpiline	CA 53:3595.
399. *Rauvolfia sellowii* Muell. Arg.	*rb*	ajmalicine	ACSJ 77:6687.
	rb	ajmalidine	ACSJ 77:6687.
	rb	ajmaline	CA 49:14270.
	rb	ajmalinine	CA 49:14270.
	rb	aricine	ACSJ 77:6687.
	rb	tetrahydroalstonine	ACSJ 77:6687.
	rb	reserpine	ACSJ 77:6687.
	rb	serpentine	CA 49:14270.
	rb	tetraphyllicine	ACSJ 77:6687.
	l, s, b, rb	total alkaloids	CA 49:5780.
400. *Rauvolfia semperflorens* (Muell. Arg.) Schlecht.	*b*	semperflorine	CA 49:3218.
	b	unn	CA 49:3218.
401. *Rauvolfia serpentina* (L.) Benth.	*r*	ajmalicine	CA 26:1288.
	r	ajmaline	CA 26:1288.
	r	ajmalinine	CA 26:1288.
	r	alkaloids A, F	ACSJ 76:3234.
	r	alkaloid C	CA 49:4684.
	r	alloyohimbine	Quart Rev 10:129.
	r	chandrine	CA 49:4938.
	r	3-epi-α-yohimbine	CA 51:9648.
	r	isoajmaline	Quart Rev 10:129.
	r	isorauhimbine	CA 51:9648.
	r	isoyohimbine	CA 49:9666.
	r	11-methoxy-δ-yohimbine	CA 49:4684.
	r	methylreserpate	Quart Rev 10:129.
	r	neoajmaline	Quart Rev 10:129.
	r	papaverine	CA 49:4684.
	r	rauhimbine	CA 49:2447.
		raupine	CA 48:6649.
	r	rauwolfinine	CA 48:1380.
		rauwolscine	C–P–W 369.
	r	rescinnamine	ACSJ 77:2241.
	r	reserpiline	CA 49:5778.
	r	reserpine	CA 47:8084.
	r	reserpinine	Quart Rev 10:129.
	r	reserpoxidine	CR 244:2989.
	r	sarpagine	CA 49:1742.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
401. *Rauvolfia serpentina* (L.) Benth.—Continued	*r*	serpine	CA 51:17957.
	r	serpinine	CA 50:532.
	r	serpentine	CA 26:1288.
	r	serpentinine	CA 26:1288.
	r	thebaine	CA 49:4684.
	r	yohimbine	CA 49:4684.
	r	γ-yohimbine	Quart Rev 10:129.
	r	δ-yohimbine	CI 1954:375.
	r	unn. I,II	CA 48:9626.
	sd	unn	CA 51:18485.
402. *Rauvolfia sprucei* Muell. Arg.	*r*	deserpidine	APAJ 46:720.
	r	rescinnamine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	APAJ 46:720.
403. *Rauvolfia sumatrana* (Miq.) Jack	*r*	ajmaline	Chatt 142.
	r	aricine	Chatt 142.
	r	rauwolscine	Chatt 142.
	r	rescinnamine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	Chatt 142.
	r	serpentine	Chatt 142.
	r	yohimbine	Chatt 142.
	r	δ-yohimbine	Chatt 142.
404. *Rauvolfia ternifolia* HBK.=*R. ligustrina* Roem. & Schult.	*r*	deserpidine	APAJ 46:720.
	r	rescinnamine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	CA 51:670.
405. *Rauvolfia tetraphylla* L.		ajmaline	C–P–W 403.
	r	deserpidine	APAJ 46:720.
	r	reserpiline	APAJ 46:720.
	r	reserpine	CI 1955:627.
	r	reserpinine	APAJ 46:720.

	r	serpentinine	CI 1955:627.
	r	tetraphyllicine	CI 1955:627.
	r	tetraphylline	CI 1955:627.
		ψ-yohimbine	C–P–W 403.
406. *Rauvolfia verticillata* Baill.	*b*	δ-yohimbine	CA 50:8965.
407. *Rauvolfia viridis* (Muell. Arg.) Guillaumin	*r*	reserpine	APAJ 46:720.
408. *Rauvolfia vomitoria* Afzel.	*rb*	ajmalicine	AJP 127:270.
	rb	ajmaline	AJP 127:270.
		ajmalinine	C–P–W 399.
	r	alstonine	AJP 127:270.
	rb	isoajmaline	AJP 127:270.
	rb	isoreserpiline	CA 51:6085.
	r	raumitorine	AJP 127:270.
		rauvomitine	C–P–W 399.
	r	rescinnamine	CA 49:16337.
	r	reserpiline	Naturw 43:328.
	r	reserpine	AJP 127:270.
	r	reserpoxidine	CR 244:2989.
	rb	sarpagine	CA 51:6085.
	r	seredine	AJP 127:270.
	r	vomalidine	Helv 40:1866.
	r	yohimbine	Naturw 43:328.
	r	α-yohimbine	Naturw 43:328.
	r	unn	Helv 40:1866.
410. *Rejoua* sp.		unn	Webb PS.
410A. *Rhabdadenia pohlii* Muell. Arg.	*l*	rhabdadenine	Bisset (2) 112.
410B. *Rhazya stricta* Decne.	*l*	unn	Bisset (2) 170.
411. *Rhynchodia macrantha* Wehmer	*b*	unn	We 985.
412. *Stemmadenia donnell-smithii* R. E. Woodson	*b*	isovoacangine	Tetra 2:173.
	b	quebrachamine	Tetra 2:173.
	fr	stemmadenine	Tetra 2:173.
	b	tabernanthine	Tetra 2:173.
	b	voacamine	Tetra 2:173.
	wd	voacangine	Tetra 2:173.
413. *Stemmadenia galeottiana* Miers	*wd*	ibogamine	Tetra 2:173.
	sd	unn	Bisset (2) 138.
414. *Strophanthus gratus* Baill.	*sd*	trigonelline	Klein 294.
415. *Strophanthus hispidus* DC.	*sd, rb*	trigonelline	Klein 294.
416. *Strophanthus kombe* Oliver	*sd*	trigonelline	M-H I 176.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
417. *Tabernaemontana coronaria* (Jacq.) R. Br.	*b*	coronarine	Henry 501.
	b	tabernaemontanine	Henry 501.
	l, s	unn	D-K.
418. *Tabernaemontana corymbosa* Roxb.	*l, s*	unn	D-K.
419. *Tabernaemontana crispa* Roxb.	*rb*	unn	CA 49:6541.
420. *Tabernaemontana dichotoma* Roxb.	*b*	unn	CA 48:7715.
420A. *Tabernaemontana holstii* K. Schum.	*sd*	unn	Bisset (2) 134.
421. *Tabernaemontana pandacaquii* Poir.	*l, s*	unn	PPAJ 43:144.
422. *Tabernaemontana salzmannii* A. DC.	*l, b, fr*	tabernaemontanine	We 986.
423. *Tabernaemontana sphaerocarpa* Blume	*l, b, sd*	unn	We 986.
424. *Tabernaemontana wallichiana* Steud.	*l, b, sd*	unn	We 986.
425. *Tabernanthe iboga* Baill.	*r*	ibogaine	Henry 768.
	r	ibogamine	CA 46:6334.
	r	iboluteine	CA 47:8969.
	r	tabernanthine	Henry 768.
	l, fr	unn	Bisset (2) 137.
425A. *Tanghinia venenifera* Poir.		tanghinine	Klein 741.
426. *Thevetia nereifolia* Juss.	*l, s*	unn	D-K.
427. *Tonduzia longifolia* (A. DC.) Markgraf	*r*	ajmaline	JOC 21:480.
	r	deserpidine	JOC 21:480.
	r	rescinnamine	JOC 21:480.
	r	reserpine	JOC 21:480.
	b	vincamajine	CA 51:672.
428. *Urechites lutea* (L.) Britt.	*l, s, fr*	unn	Wall 43.
429. *Vallesia dichotoma* Ruiz & Pav.	*l, s*	aspidospermine	JOC 24:314.
	l, s	dichotamine	JOC 24:314.
	s	reserpine	JOC 24:314.
	l, s	vallesine	JOC 24:314.
430. *Vallesia glabra* (Cav.) Link	*l, s*	aspidospermine	M–H II 422.
	l, s	vallesine	M–H II 422.

431. *Vinca difformis* Pourr.		isovincamine	Ann Pharm France 15:513.
		sarpagine	Ann Pharm France 15:513.
		vincamedine	CA 50:17338.
	w	unn	CR 245:1265.
432. *Vinca erecta* Regel & Schmalh.	*l, s, r*	minorine	CA 51:11487.
	r	reserpinine	CA 52:3044.
	r	vincaine	CA 52:3044.
	r	vincanidine	CA 52:3263.
	l, s, r	vincanine	CA 51:11487.
433. *Vinca herbacea* Waldst. & Kit.		unn	CA 27:1029.
434. *Vinca libanotica* Zucc.	*w*	unn	CR 245:1265.
435. *Vinca major* L.	*l, s*	reserpinine	CA 49:11672.
	l, s	serpinine	CA 49:11672.
		vincamajine	CA 50:8694.
		vincamajoreine	CA 49:16343.
		vincamajoridine	CA 49:8563.
436. *Vinca minor* L.	*l*	isovincamine	CA 49:15931.
		minorine	Orekhov 792.
		perivincine	CA 49:10328.
		pubescine	Sokolov 129.
	l	vincamine	Helv 36:2017.
	l, s	vincaminorine	CA 53:8543.
		vinine	Sokolov 129.
	l	unn	Wall 26.
437. *Vinca pubescens* Urv.	*l*	pubescine	Henry 778.
	l	vinine	Henry 778.
438. *Vinca (Lochnera) rosea* L.	*r*	ajmalicine	CR 243:1789.
	r	akuammine	CR 243:1789.
	r	alstonine	CA 53:428.
	w	catharanthine	APAJ 48:256.
	w	leurosine	APAJ 47:834.
	w	lochnericine	APAJ 48:256.
	rb	lochnerine	CI 1956:173.
	w	perivine	APAJ 47:834.
	r	reserpine	Nature 181:552.
	rb	serpentine	CI 1956: 173.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
APOCYNACEAE—Continued			
438. *Vinca (Lochnera) rosea* L.—Continued	*r*	tetrahydroalstonine	CA 53:428.
		vincaleucoblastine	APAJ 48:256.
		vincamine	CA 50:4985.
	l, r	vinceine	CA 48:4559.
	w	vindoline	APAJ 48:256.
	w	vindolinine	APAJ 48:256.
	w	virosine	APAJ 47:834.
	r	δ-yohimbine	CA 53:428.
	l, s	unn	Webb 241.
439. *Voacanga africana* Stapf	*b*	voacafricine	JOC 23:1455.
	b	voacafrine	JOC 23:1455.
	b, rb	voacamidine	Exp 13:468.
	r, b	voacamine	CR 240:1719.
	r	voacaminine	Helv 41:169.
	b	voacangarine	Helv 41:169.
	r, b	voacangine	CA 50:8965.
	r	voacanginine	CA 50:17338.
	s	voacorine	CR 244:1955.
	b, ro	voacristine	Exp 13:468.
	b	voacryptine	Exp 15:185.
	b	vobasine	Exp 15:185.
		vobusine	CR 240:1719.
440. *Voacanga bracteata* Stapf	*s*	voacorine	CR 244:1955.
440A. *Voacanga dregei* E. Mey	*b*	voacangine	JCS 1958:476.
	b, rb	vobtusine	JCS 1958:4776.
441. *Voacanga foetida* (Blume) K. Schum	*b*	unn	We 985.
442. *Voacanga obtusa* K. Schum	*r, b*	voacamine	CA 49:12774.
	b	voacangine	CA 49:12775.
	r, b	vobtusine	CA 49:12774.
443. *Voacanga thouarsii* Roem. & Schult	*b, r*	voacamine	CR 240:1719.
	b, r	voacangine	CA 50:8965.
	b, r	vobtusine	CR 240:1719.

444. *Voacanga* sp.		unn	Webb PS.
445A. *Willughbeia firma* Blume	*b*	unn	Bisset (2) 125.
446. *Wrightia antidysenterica* (L.) R. Br.	*sd, b*	conessine	Klein 676.
446A. *Wrightia calycina* A. DC.	*sd*	unn	Bisset (2) 118.
447. *Wrightia millgar* F. M. Bailey	*b*	unn	Webb 241.
448. *Wrightia saligna* F. Muell.	*b*	unn	Webb 268.
448A. *Wrightia tomentosa* Roem. & Schult.	*b*	unn	Bisset (2) 118.
449. *Wrightia zeylanica* (L.) R. Br.		conessine	Sokolov 129.
AQUIFOLIACEAE			
450. *Ilex cassine* (*I. vomitoria*) L.	*l*	caffeine	We 718.
	l, s, fr	unn	Wall 55.
451. *Ilex cuiabensis* Reiss.	*l*	caffeine	We 719.
452. *Ilex paraguayensis* Hook.	*l*	caffeine	CA 47:7695.
	l	theobromine	CA 49:4237.
	l	theophylline	CA 49:4237.
453. *Ilex vomitoria* Ait.		caffeine	Klein 731.
	l, s, r	unn	Wall 55.
ARACEAE			
454. *Alocasia macrorhiza* Schott	*r*	unn	Webb 241.
455. *Amorphophallus campanulatus* Blume	*t*	unn	D–K.
456. *Amorphophallus rivieri* Dur.		coniine	M–H I 211.
457. *Amorphophallus viridis* Ridley	*l*	unn	D–K.
458. *Arisarum vulgare* Targ. Toz.		coniine	M–H I 211.
459. *Arum italicum* Mill.		coniine	M–H I 211.
	l, rh	unn	We 135.
460. *Arum maculatum* L.		coniine	M–H I 211.
461. *Caladium bulbosum* Pharm. ex Wehmer		coniine	M–H I 211.
462. *Dieffenbachia picta* Schott	*l, s, r*	unn	Webb 241.
463. *Eminium lehmannii* (Regel) Kuntze		unn	BA 20:18514.
464. *Epipremnum pinnatum* Engl.		tongine	Jahresber 41:91.
465. *Gymnostachys anceps* R. Br.	*l*	unn	Webb 268.
466. *Pinellia ternata* Druce		unn	Klein 761.
467. *Pinellia tuberifera* Tenore		unn	Klein 761.
468. *Symplocarpus foetidus* Nutt.	*l*	5-hydroxytryptamine	CR 247:1382.
469. *Zantedeschia aethiopica* Spreng.	*l, s, fl*	etiopine	CA 43:1156.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
ARALIACEAE			
470. *Acanthopanax sessiliflorum* Seem.		unn	CA 49:5603.
471. *Aralia continentalis* Kitagawa		unn	CA 49:5603.
472. *Aralia mandshurica* Rupr.		unn	CA 49:5603.
473. *Astrotricha longifolia* Benth.	*l, s, fr*	unn	Webb 268.
474. *Echinopanax elatus* Nakai		unn	CA 49:5603.
475. *Kalopanax ricinifolium* Miq.		unn	CA 49:5603.
476. *Kissodendron australianum* Seem. (*Hedera australiana* F. Muell.).	*l, b*	unn	Webb 268.
477. *Mackinlaya confusa* Hemsl.	*l*	unn	Webb 241.
478. *Tieghemopanax* (*Polyscias*) *elegans* (Moore & F. Muell.) Viguier.	*l*	unn	Webb 268.
ARISTOLOCHIACEAE			
479. *Aristolochia argentina* Griseb.	*r*	aristidinic acid	Henry 722.
	r	aristinic acid	Henry 722.
	r	aristolic acid	Henry 722.
	r	aristolochine	We 265.
480. *Aristolochia clematitis* L.	*sd*	aristolochine	Merck.
481. *Aristolochia debilis* Sieb. & Zucc.		aristolochic acid	CA 52:13188.
		aristolochine	Henry 721.
		magnoflorine	CA 51:17963.
482. *Aristolochia deltantha* F. Muell.	*l*	unn	Webb 241.
483. *Aristolochia elegans* Mast.	*l, s*	unn	Webb 268.
484. *Aristolochia indica* L.	*r*	aristolochine	CA 31:5101.
		isoaristolochic acid	Henry 722.
485. *Aristolochia kaempferi* Willd.		magnoflorine	CA 51:17963.
486. *Aristolochia longa* L.	*r*	aristolochine	We 265.
487. *Aristolochia praevenosa* F. Muell.	*l, s*	unn	Webb 268.
488. *Aristolochia reticulata* Nutt.		aristolochine	Klein 708.
489. *Aristolochia rotunda* L.	*r*	aristolochine	Merck.
490. *Aristolochia rumicifolia* Mart. & Zucc.		unn	CA 33:5592.

491. *Aristolochia sipho* L'Herit.		aristolochic acid	Henry 721.
		aristolochine	Henry 721.
492. *Aristolochia tagala* Cham.	*l, r*	unn	Webb 268.
493. *Aristolochia* spp.	*r*	unn	Webb PS.
	s	unn	Bisset 125.
493A. *Asarum canadense* L.	*l, s, r*	unn	Wall 55.
494. *Asarum europeum* L.	*r*	asarine	Henry 779.
495. *Bragantia wallichii* R. Br.	*r*	chakranine	CA 52:19019.
		isoaristolochic acid	Henry 722.
ASCLEPIADACEAE			
496. *Asclepias curassavica* L.	*l*	unn	Arthur.
497. *Asclepias galioides* H.B.K.	*l*	unn	We 1003.
	l, s, fl, r	unn	Wall 60.
498. *Asclepias* (*Gomphocarpus*) *physocarpa* Schlechter	*l, s*	unn	Webb 268.
499. *Asclepias syriaca* L.	*r*	nicotine	Henry 35.
	l, s, fr	unn	Wall 55.
500. *Calotropis procera* Ait.	*b*	unn	Webb 241.
501. *Chlorocodon whitei* Hook. f.	*r, s, sd*	unn	Henry 780.
502. *Chloristigma stuckertianum* Kurtz	*l*	chlorostigmine	We 1004.
503. *Cryptolepis sanguinolenta* (Lindl.) Schlechter	*rh*	cryptolepine	Henry 773.
504. *Cryptolepis triangularis* N. E. Br.	*rh*	cryptolepine	M–H V 306.
505. *Cryptostegia grandiflora* R. Br.	*l*	unn	Webb 241.
506. *Cryptostegia madagascariensis* Boj.	*l*	unn	Webb 241.
507. *Cynanchum bowmanii* S. T. Blake	*l*	unn	Webb 241, 268.
508. *Cynanchum kuznetzowii* Bordz.		unn	CA 48:11727.
509. *Dregea volubilis* Benth.		unn	We 1004.
	sd	unn	Bisset 125.
510. *Genianthus blumei* King & Gamble	*b*	unn	We 1005.
511. *Gymnema geminatum* (*G. sylvestre*) R. Br.	*l, fr*	unn	Webb 268.
512. *Gymnema micradenia* Benth. (*Gongronema micradenia* Benth. & Hook. f).	*l*	unn	Webb 268.
513. *Heterostemma* cf. *acuminatum* Decne.	*l, s*	unn	Bisset 125.
514. *Marsdenia cundurango* Nichols.	*b*	unn	We 1005.
515. *Marsdenia microlepis* (?) Benth.	*r*	unn	Webb 268.
516. *Marsdenia rostrata* R. Br.	*l*	unn	Webb 241.
517. *Marsdenia tinctoria* R. Br.		unn	Klein 744.
518. *Morrenia brachystephana* Griseb.		morrenine	Klein 743.
519. *Sarcolobus spanoghei* Miq.		coniine?	Klein 744.

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Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
ASCLEPIADACEAE—Continued			
520. *Telosma cordata* Merrill	*s*	unn	Bisset 125.
521. *Tylophora asthmatica* Wight & Arn.		tylophorine	Henry 778.
		tylophorinine	Henry 778.
522. *Tylophora brevipes* F. Villar		tylophorine	Henry 778.
523. *Tylophora erecta* F. Muell.	*l*	unn	Webb 268.
524. *Tylophora exilis* Colebr.	*s*	unn	Bisset 125.
525. *Tylophora fasciculata* Ham.		tylophorine	We 1004.
526. *Tylophora floribunda* Benth.	*l*	unn	Webb 268.
527. *Tylophora indica* (Lam.) Merrill	*l, s, r*	tylophorine	C–B–G 689.
	l, s, r	tylophorinine	C–B–G. 689.
528. *Tylophora lutescens* Decne.		unn	We 1004.
529. *Tylophora paniculata* R. Br.	*l, st*	unn	Webb 241, 268.
530. *Tylophora* sp.	*r*	unn	Webb 268.
531. *Vincetoxicum ovatum* Benth.	*l*	unn	Webb 241.
BERBERIDACEAE			
532. *Berberis aetnensis* Presl	*r*	berberine	Henry 328.
533. *Berberis amurensis* Rupr.	*s*	berbamine	CA 49:13597.
		berbamunine	CA 52:5429.
	s	hydroxyberberine	CA 49:13597.
	s	jatrorrhizine	CA 49:13597.
	b, wd	magnoflorine	CA 51:4645.
	s	shobakunine	CA 49:13597.
	s	unn	CA 49:13597.
534. *Berberis aristata* DC.	*b*	berberine	CA 45:2010.
	b	palmatine	CA 45:2010.
535. *Berberis asiatica* Roxb.	*r, s, b*	berbamine	CA 48:9621.
	r, s, b	berberine	CA 48:9621.
	r, s, b	jatrorrhizine	CA 48:9621.

	r, s, b	oxyacanthine	APAJ 30:248.
	r, s, b	palmatine	CA 48:9621.
536. *Berberis barandana* Vidal		berberine	PPAJ 40:117.
537. *Berberis buxifolia* Lam.		berberine	Henry 328.
538. *Berberis canadensis* Mill.		unn	Klein 715.
539. *Berberis darwinii* Hook.	*r, s, wd*	berberine	Henry 328.
540. *Berberis densiflora* Raf.	*l*	unn	I–R.
541. *Berberis floribunda* Wall.	*r*	berbamine	BA 27:2345.
	r	berberine	BA 27:2345.
	r	columbamine	BA 27:2345.
	r	dehydrocorydaline	BA 27:2345.
	r	epiberberine	BA 27:2345.
	r	jatrorrhizine	BA 27:2345.
	r	oxyacanthine	BA 27:2345.
	r	palmatine	BA 27:2345.
542. *Berberis fortunei* Lindl.	*wd*	berbamine	M–H IV 85.
	wd	berberine	M–H IV 85.
	wd	jatrorrhizine	M–H IV 85.
	wd	oxyacanthine	M–H IV 85.
	wd	palmatine	M–H IV 85.
543. *Berberis fremontii* Torr.	*l, t, w*	unn	Wall 15.
544. *Berberis glauca* DC.		berberine	H 328.
545. *Berberis heteropoda* Schrank	*rb*	berbamine	We Sup 28.
	rb	berberine	We Sup 28.
	rb	columbamine	We Sup 28.
	rb	jatrorrhizine	We Sup 28.
	rb	oxyacanthine	We Sup 28.
	rb	palmatine	We Sup 28.
546. *Berberis himalaica* Ahrendt	*b*	berberine	CA 48:2726.
	b	himanthine	CA 48:2726.
547. *Berberis insignis* Hook. f. & Thoms.	*b*	umbellatine	Henry 329.
548. *Berberis* (*Mahonia*) *japonica* R. Br.	*wd, r, sd*	berbamine	CA 49:13600.
	wd, r	berberine	CA 49:13600.
	wd, r, sd	isotetrandrine	CA 49:13600.
	wd, r	jatrorrhizine	CA 49:13600.
	wd, r	palmatine	CA 49:13600.
549. *Berberis julianae* C. K. Schneid.	*l*	unn	Wall 15.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
BERBERIDACEAE—Continued			
550. *Berberis lambertii* R. N. Parker	*r*	berbamine	CA 48:6075.
	r	berberine	CA 48:6075.
	r	columbamine	CA 48:6075.
	r	jatrorrhizine	CA 48:6075.
	r	lambertine	CA 48:6075.
	r	oxyacanthine	CA 48:6075.
	r	palmatine	CA 48:6075.
551. *Berberis laurina* Thunb		berberine	Henry 329.
		hydrastine	BA 32:38562.
552. *Berberis lycium* Royle		umbellatine	BA 17:2821.
553. *Berberis nepalensis* Spreng	*r*	neprotine	APAJ 33:210.
	r, b	umbellatine	APAJ 33:210.
554. *Berberis nervosa* Pursh		berberine	Henry 328.
555. *Berberis repens* Lindl		berberine	Henry 328.
556. *Berberis thunbergii* DC	*r*	berbamine	Henry 329.
	r	berberine	Henry 329.
		berlambine	CA 50:5993.
	r	columbamine	Henry 329.
	r	jatrorrhizine	Henry 329.
		lambertine	CA 50:5993.
		magnoflorine	CA 50:13372.
	r	oxyacanthine	Henry 329.
	r	oxyberberine	Henry 329.
	r	palmatine	M–H IV 85.
	r	shobakunine	M–H IV 85.
		tetrahydroshobakunine	CA 24:3512.
	l, s	unn	Wall 55.
557. *Berberis tinctoria* Leschen	*r*	berbamine	ICSJ 29:921.
	r	berberine	ICSJ 29:921.
	r	jatrorrhizine	ICSJ 29:291.
	r	palmatine	ICSJ 29:291.
558. *Berberis umbellata* Wall	*rb*	umbellatine	Henry 329.

559. *Berberis vulgaris* L.	r	berbamine	Henry 329.
	r	berberine	Henry 329.
	r	berberrubine	Henry 329.
	r	columbamine	Henry 329.
	r	jatrorrhizine	Henry 329.
	r	oxyacanthine	Henry 329.
	r	palmatine	Henry 329.
	r	unn	Henry 329.
560. *Berberis wallichiana* DC.	r	umbellatine	BA 17:2821.
561. *Caulophyllum robustum* Maxim.	r	magnoflorine	CA 52:18487.
	r	unn	CA 52:18487.
562. *Caulophyllum thalictroides* Michx.	rh	caulophylline	Klein 715.
	rh	N-methylcytisine	Henry 118.
	l, s, fr, r	unn	Wall 55.
563. *Epimedium alpinum* L.	r	unn	Klein 714.
564. *Epimedium cremeum* Nakai & Mackawa	r, rh	magnoflorine	CA 51:12433.
565. *Epimedium grandiflorum* Morr.	r	magnoflorine	CA 51:8366.
566. *Epimedium rugosum* Nakai	r, rh	magnoflorine	CA 51:8766.
567. *Jeffersonia diphylla* Pers.		berberine	Sokolov 118.
568. *Leontice albertii* Regel	w, t	N-methylcytisine	CA 44:1997.
569. *Leontice eversmannii* Bunge	l, s	thaspine	CA 48:3987.
	l, s	isoleontine	CA 48:3987.
	t	leontamine	CA 44:1997.
	w, t, sd	leontidine	CA 44:1997.
	w, t, sd	leontine	CA 44:1997.
	w	lupanine	CA 44:1997.
	w	pachycarpine	CA 44:1997.
570. *Leontice leontopetalum* Hook. f. & Thoms.		leonticine	CA 51:6662.
		petaline	CA 51:6662.
571. *Leontice thalictroides* L.		berberine	Klein 714.
		N-methylcytisine	Orekhov 167.
573. *Mahonia acanthifolia* Wall.	r	berberine	CA 44:2706.
	r	jatrorrhizine	CA 44:2706.
	r	neprotine	CA 44:2706.
	r	oxyacanthine	CA 44:2706.
	r	palmatine	CA 44:2706.
574. *Mahonia aquifolium* Nutt.	b, wd	berbamine	Henry 329.
	b, wd	berberine	Henry 329.
	b, wd	oxyacanthine	Henry 329.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
BERBERIDACEAE—Continued			
575. *Mahonia borealis* Takeda		berberine	CA 47:5636.
		jatrorrhizine	CA 47:5636.
		neprotine	CA 47:5636.
		oxyacanthine	CA 47:5636.
		palmatine	CA 47:5636.
576. *Mahonia fortunei* Dippel	*wd*	berbamine	CA 47:3323.
	wd	berberine	CA 47:3323.
	wd	jatrorrhizine	CA 47:3323.
	s	magnoflorine	CA 51:8366.
	wd	oxyacanthine	CA 47:3323.
	wd	palmatine	CA 47:3323.
577. *Mahonia griffithii* Takeda	*b*	berbamine	CA 44:4636.
	b	berberine	CA 44:4636.
	b	neprotine	CA 44:4636.
	b	oxyacanthine	CA 44:4636.
	b	palmatine	CA 44:4636.
578. *Mahonia japonica* Thunb.	*w*	magnoflorine	CA 50:13372.
579. *Mahonia leschenaultii* Takeda	*b*	berberine	CA 45:9068.
	b	jatrorrhizine	CA 45:9068.
	r	neprotine	CA 45:4729.
	b	oxyacanthine	CA 45:9068.
	b	palmatine	CA 45:9068.
580. *Mahonia manipurensis* Takeda	*b*	berberine	CA 45:9068.
	b	jatrorrhizine	CA 45:9068.
	r	neprotine	CA 45:4729.
	b	oxyacanthine	CA 45:9068.
581. *Mahonia napaulensis* DC. (*Berberis nepalensis*)	*r*	berberine	CA 52:14630.
	r	jatrorrhizine	CA 52:14630.
582. *Mahonia philippinensis* Takeda	*s*	berberine	Henry 329.
	s	jatrorrhizine	Henry 329.
	s	shobakunine	M-H IV 93.

583. *Mahonia sikkimensis* Takeda	*b*	berberine	CA 45:9068.
	r	neprotine	CA 45:4729.
	b	oxyacanthine	CA 45:9068.
584. *Mahonia simonsii* Takeda		berberine	CA 47:5636.
		jatrorrhizine	CA 47:5636.
	r	neprotine	M-H IV 64.
		oxyacanthine	CA 47:5636.
		palmatine	CA 47:5636.
585. *Mahonia swaseyi* Fedde		berbamine	Henry 329.
	r, s	berberine	CA 33:2939.
586. *Mahonia trifolia* Cham. & Schlecht.	*r, s*	berberine	CA 33:2939.
587. *Nandina domestica* Thunb.	*b, r*	berberine	CA 45:8208.
	b, fr, r	domesticine	CA 45:8208.
	fr	domestine	Henry 316.
		isodomesticine	Henry 316.
	b, r	jatrorrhizine	CA 45:8208.
	s	magnoflorine	CA 51:1216.
	s	menisperine	CA 51:1216.
		nandazurine	Henry 329.
	rb	nandinine	Henry 329.
		nantenine	Henry 329.
	sd	protopine	CA 44:4202.
588. *Podophyllum emodii* Wall.	*r, rh*	berberine	Merck.
BIGNONIACEAE			
589. *Balanops australiana* F. Muell.	*b*	unn	Webb 268.
590. *Bignonia sempervirens* L.		gelsemine	Sokolov 131.
591. *Colea fusca* H. Perrier	*l, s, r, fr*	unn	CA 52:20419.
592. *Dozantha unguiscastii* (L.) Rehder	*l, s*	unn	CA 44:2179.
593. *Hieris curtisii* van Steenis	*l, s*	unn	D–K.
594. *Oroxylon indicum* Vent.	*b*	unn	We 1137.
595. *Pandorea pandorana* (Andr.) van Steenis (*Tecoma australis* R. Br.).	*l, s*	unn	Webb 268.
596. *Phyllarthron madagascariense* (Boj.) K. Schum.	*l, s, r, fr*	unn	CA 52:20419.
597. *Radermachia stricta* Zoll. & Mor.	*s*	unn	D–K.
598. *Rhodocolea telfairiae* (Boj. ex Hook.) H. Perrier	*l, s, r, fr*	unn	CA 52:20419.
599. *Spathodea stipulata* Wall.	*l, b*	unn	We 1137.
600. *Stenolobium stans* D. Don	*rb*	unn	CA 6:2284.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
BIGNONIACEAE—Continued			
601. *Stereospermum euphorioides* DC.	*l, s, r, fr*	unn	CA 52:20419.
602. *Tecoma ceramensis* Teijsm. & Binn.	*l*	unn	We 1136.
603. *Tecoma gaudichaudii* DC.	*l, fl*	unn	Wall 26.
604. *Tecoma mollis* H.B.K.	*l, s, r, fr*	unn	CA 52:20419.
605. *Tecoma stans* Juss.	*b*	unn	We 1136.
	l	unn	Wall 15.
606. *Zeyheria montana* Mart.	*rh*	unn	CA 6:2284.
BOMBACACEAE			
607. *Waltheria americana* L.	*b, l*	unn	CA 44:2179.
BORAGINACEAE			
608. *Alkanna* sp.		unn	CA 48:11727.
609. *Anchusa officinalis* L.		consolicine	Henry 771.
	w, r	cynoglossine	Henry 771.
610. *Caccinia crassifolia* Kuntze		cynoglossine (?)	Sokolov 130.
611. *Cynoglossum officinale* L.		consolicine	Henry 771.
	w, r	cynoglossine	Henry 771.
	w	cynoglossophine	CA 52:2187.
612. *Cynoglossum viridiflorum* Willd.	*w*	viridiflorine	CA 43:2625.
613. *Echium plantagineum* L.		echimidine	CA 51:9642.
		echiumine	CA 51:9642.
	l, r	unn	Webb 241, 268.
614. *Echium vulgare* L.		consolicine	Henry 771.
	w, r	cynoglossine	Henry 771.
	l, s, fl	unn	Wall 55.
615. *Ehretia membranifolia* R. Br.	*l, s*	unn	Webb 268.
616. *Ehretia* sp.	*l, s*	unn	Webb 268.
617. *Heliotropium amplexicaule* Vahl (*H. anchusaefolium* Poir.).	*l, s, r*	unn	Webb 241, 268.
	l, s, fl	unn	Wall 55.

618. *Heliotropium arguzioides* Kar. & Kir.		trichodesmine	Orekhov 64.
619. *Heliotropium bucharicum* B. Fedtsch.	*w*	unn	CA 35:4154.
620. *Heliotropium europeum* L.	*sd*	cynoglossine	Klein 733.
		europine N-oxide	BA 31:15171.
		heleurine N-oxide	BA 31:15171.
	w	heliotridine	CA 49:8998.
	sd	heliotridine N-oxide	CA 49:8998.
	w	heliotrine	CA 49:8998.
	w, sd	heliotrine N-oxide	CA 49:8998.
	w, sd	lasiocarpine	CA 49:8998.
	w, sd	lasiocarpine N-oxide	CA 49:8998.
	w	supinine	CA 49:8998.
621. *Heliotropium indicum* L.	*w*	unn	Webb 268.
622. *Heliotropium lasiocarpum* Fisch. & Mey.		cynoglossine	Sokolov 130.
	w	heliotrine	Henry 601.
	w	lasiocarpine	Henry 601.
623. *Heliotropium peruvianum* L.	*sd*	cynoglossine	Klein 733.
623A. *Heliotropium suaveolens* Bieb.		unn	CA 53:3597.
624. *Heliotropium supinum* L.	*w*	heliosupine	CA 49:3992.
	w	supinidine	CA 49:3992.
	w	supinine	CA 44:3486.
625. *Heliotropium szowitsii* Stschég.		unn	CA 48:11727.
626. *Lindelofia anchusoides* Lehm.	*w*	lindelofamine	CA 43:3827.
	w	lindelofine	CA 43:3827.
627. *Lithospermum arvense* L.		cynoglossine	Webb 232.
628. *Lithospermum purpurocaeruleum* L.		unn	CA 48:11727.
629. *Macrotomia echioides* Boiss.	*l, s*	makrotomine	CA 47:7512.
630. *Moltkia* sp.		unn	CA 48:11727.
631. *Paracaryum heliocarpum* Kern.	*w*	lindelofamine	M–H V 318.
	w	lindelofine	M–H V 318.
632. *Rindera echinata* Regel	*l, s*	echinatine	CA 49:5496.
633. *Solenanthus* (*Trachelanthus*) *korolkovii* Lipsky	*w*	trachelantamine	CA 35:7111.
	w	trachelantine	CA 35:7111.
634. *Solenanthus olgae* Regel & Smirnow		solenthine	Sokolov 130.
635. *Solenanthus stamineus* Macbride		unn	CA 48:11727.
636. *Symphytum asperum* Lepech.		unn	CA 48:11727.
637. *Symphytum officinale* L.		consolicine	Merck.
	w	consolidine	Merck.
		cynoglossine	Sokolov 130.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
BORAGINACEAE—Continued			
638. *Tournefortia sarmentosa* Lam.	*l, s*	supinine	CA 49:16334.
	l, s	unn. (5)	CA 49:16334.
639. *Tournefortia sibirica* L.	*l, s*	tournefortine	M–H V 326.
640. *Tournefortia sogdiana* (Bunge) Popov		cynoglossine (?)	Sokolov 130.
642. *Trichodesma incanum* Bunge	*sd*	incanine	CA 50:6670.
	sd	incanine N-oxide	CA 51:1539.
	l, s, sd	nikanine	CA 52:13017.
	l, s, sd	nikanine N-oxide	CA 52:13017
	w	trichodesmine	Henry 602.
	l, s, sd	trichodesmine N-oxide	CA 52:13017.
BURSERACEAE			
643. *Commiphora* (*Balsamodendrum kafal* Kunth) *kafal*		unn	CSJ 70 I:57.
644. *Protium* sp.		unn	Webb 232.
BUXACEAE			
645. *Buxus balearica* Lam.		unn	CA 47:2372.
646. *Buxus harlandii* Hance	*l*	unn	Wall 15.
647. *Buxus longifolia* Boiss.		unn	CA 47:2372.
648. *Buxus sempervirens* L.	*l*	alkaloids A, B, C, D, L	CA 44:4009.
	l	alkaloids M, N	CA 44:9454.
		bebeerine	M–H IV 227.
		isochondodendrine	Orekhov 536.
651. *Pachysandra axillaris* Franch.		unn	CR 191:625.
652. *Pachysandra terminalis* Sieb. & Zucc.		unn	CR 191:625.
652A. *Sarcococca hookeriana* Baill.	*l*	unn	CR 191:625.
653. *Sarcococca pruniformis* Lindl.	*l*	unn	CA 46:1719.
653A. *Sarcococca ruscifolia* Stapf [1]	*w*	unn	CR 191:625.
653B. *Sarcococca tonkinensis* Gagnep. [1]	*w*	unn	We Sup 104.
654. *Simmondsia californica* Nutt.		unn	CR 191:625.
655. *Styloceras kunthianum* A. Juss.	*w*	unn	CR 191:625.

656. *Styloceras laurifolium* H.B.K.	*w*	unn	We Sup 198.
CACTACEAE			
657. *Ariocarpus retusus* Scheidw.		unn	M–H IV 24.
658. *Ariocarpus* sp.		anhalonine	Merck.
659. *Astrophytum myriostigma* Lem.		unn	M–H IV 24.
660. *Carnegiea gigantea* (Engelm.) Britt. & Rose	*w*	carnegine	M–H IV 15.
662. *Cereus coryne* Salm-Dyck		unn	CA 43:6337.
663. *Cereus grandiflorus* Mill.	*l*	unn	We 810.
664. *Cereus jamacaru* DC.	*sd*	caffeine	Freise.
665. *Cereus pecten-aboriginum* Engelm.		carnegine	Henry 159.
666. *Cereus peruvianus* (L.) Mill.		unn	M–H IV 24.
667. *Cereus sargentianus* Orcutt		unn	Klein 704.
668. *Dolichothele uberiformis* (Zucc.) Britt. & Rose		unn	M–H IV 24.
669. *Echinocactus lewinii* (Hennings) K. Schum.		unn	CA 43:6337.
670. *Echinocactus mammulosus* Lem.		unn	We 812.
671. *Echinocactus viznaga* Hook.		unn	M–H IV 24.
672. *Echinocereus mamillatus* (Engelm.) Britt. & Rose		unn	M–H IV 24.
673. *Echinopsis eyriesii* (Turpin) Zucc.	*w*	unn	M–H IV 25.
674. *Epiphyllum ackermannii* Haw.		unn	M–H IV 24.
675. *Epiphyllum russellianum* Hook.		unn	Klein 705.
676. *Gymnocalycium gibbosum* Pfeiff.		anhalonine	Merck.
	w	mescaline	M–H III 324.
		unn. (2)	N–O.
677. *Gymnocalycium multiflorum* Britt. & Rose	*w*	unn	M–H IV 25.
678. *Harrisia adscendens* Britt. & Rose	*sd*	caffeine	Freise.
679. *Lemaireocereus weberi* Britt. & Rose	*w*	anhalonidine	CA 49:9003.
680. *Leocereus bahiensis* Britt. & Rose	*sd*	caffeine	Freise.
681. *Lophocereus australis* Britt. & Rose	*w*	pilocereine	CA 49:9003.
682. *Lophocereus gatesii* M. E. Jones	*w*	pilocereine	CA 49:9003.
683. *Lophocereus schottii* (Engelm.) Britt. & Rose	*w*	lophocerine	Tetra 2:58.
	w	piloceredine	Tetra 2:58.
	w	pilocereine	ACSJ 75:3632.
	w	unn	Wall 15.

[1] Erroneously taken up as *Hookeriana ruscifolia* and *H. tonkinensis* by authors after Martin-Sans.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CACTACEAE—Continued			
684. *Lophophora williamsii* (Lem.) Coult.	*w*	anhalamine	AJP 130:307.
	w	anhalidine	AJP 130:307.
	w	anhalinine	AJP 130:307.
	w	anhalonidine	AJP 130:307.
	w	anhalonine	AJP 130:307.
	w	lophophorine	AJP 130:307.
	w	mescaline	AJP 130:307.
	w	N-methylmescaline	CA 32:1272.
	w	pellotine	AJP 130:307.
685. *Lophophora* spp.		unn	CA 43:6337.
686. *Mammillaria centricirrha* Lem.	*l*	unn	We 809.
687. *Mammillaria cirrhifera* Mart.	*l*	unn	We 809.
688. *Mammillaria fissurata* Engelm.		anhaline	Henry 154.
689. *Mammillaria jourdanianum*		anhalonine	Henry 154.
690. *Mammillaria lewinii* (Hennings) Karsten	*w*	N-acetylmescaline	Henry 154.
	w	anhalamine	Henry 154.
	w	anhalidine	Henry 154.
		anhaline	Sokolov 127.
	w	anhalinine	Henry 154.
	w	anhalonidine	M–H IV 8.
	w	anhalonine	Henry 154.
	w	lophophorine	Henry 154.
	w	O-methylanhalonidine	M–H IV 8.
	w	N-methylmescaline	Henry 154.
	w	mescaline	Henry 154.
	w	pellotine	Henry 154.
691. *Mammillaria williamsii* (Lem.) Coult.		pellotine	Henry 154.
692. *Neomammillaria magnimamma* (Haw.) Britt. & Rose=*Mammillaria magnimamma* Haw.		unn	M–H IV 24.
693. *Opuntia cylindrica* (Lam.) DC.		mescaline	Gaz. Chim. Ital. 86:1305.
		unn	CA 49:14193.

694. *Opuntia* sp.	*w*	unn	CA 43:1530.
695. *Pachycereus marginatus* Britt. & Rose	*w*	pilocereine	CA 49:9003.
696. *Phyllocactus ackermannii* Salm-Dyck		unn	We 812.
697. *Phyllocactus russellianus* Salm-Dyck		unn	We 812.
698. *Pilocereus gounellei* Weber	*sd*	caffeine	Freise.
699. *Pilocereus sargentianus* Orcutt	*l*	pilocereine	We 810.
700. *Rhipsalis teres* Steud.		unn	M–H IV 24.
701. *Schlumbergera russelliana* Britt. & Rose		unn	M–H IV 24.
702. *Selenicereus grandiflorus* (L.) Britt. & Rose		cactine	M–H IV 24.
703. *Stetsonia coryne* Britt. & Rose		coryneine	M–H IV 24.
		oxycandicine	N–O.
704. *Trichocereus candicans* (Gill.) Britt. & Rose	*w*	anhaline	Henry 161.
	w	candicine	M–H IV 24.
	w	hordenine	M–H IV 24.
705. *Trichocereus huascha* (Weber) Britt. & Rose		unn	M–H IV 25.
706. *Trichocereus lamprochlorus* (Lem.) Britt. & Rose		candicine	M–H IV 24.
	w	hordenine	M–H IV 24.
707. *Trichocereus spachianus* (Lem.) Riccobono		candicine	M–H IV 24.
708. *Trichocereus terscheckii* (Parm.) Britt. & Rose	*w*	anhalonine	Orekhov 256.
	w	mescaline	M–H IV 24.
	w	tricocereine	M–H IV 24.
709. *Trichocereus* aff. *terscheckii* (Parm.) Britt. & Rose		unn	M–H IV 25.
710. *Trichocereus thelegonoides* (Speg.) Britt. & Rose		unn	M–H IV 25.
711. *Trichocereus thelegonus* (Weber) Britt. & Rose		unn	M–H IV 25.
712. *Trichocereus* sp.	*sd*	caffeine	Freise.
CALYCANTHACEAE			
713. *Calycanthus floridus* L.	*sd*	calycanthidine	Henry 486.
	sd	calycanthine	Henry 486.
	l	folicanthine	CA 45:7576.
		isocalycanthine	Orekhov 590.
714. *Calycanthus glaucus* Willd.	*sd*	calycanthidine	M–H II 434.
	sd	calycanthine	M–H II 434.
	sd	isocalycanthine	M–H II 434.
715. *Calycanthus occidentalis* Hook. & Arn.	*sd*	calycanthine	Henry 486.
	l	folicanthine	CSJ 1957:1877.
		isocalycanthine	Orekhov 590.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CALYCANTHACEAE—Continued			
716. *Calycanthus praecox* L.	*sd*	calycanthine	ACSJ 51:1836.
		isocalycanthine	Orekhov 590.
CAMPANULACEAE			
717. *Campanula* sp.		unn	CA 48:11727.
718. *Isotoma anethifolia* Summerhayes	*w*	unn	Webb 241.
719. *Isotoma axillaris* Lindl.	*l, s*	unn	Webb 268.
720. *Isotoma longiflora* Presl	*w*	isotomine	Merck.
		unn	CA 42:1350.
721. *Isotoma petraea* F. Muell.	*l, r*	unn	Webb 241.
	l	unn	Webb 268.
722. *Lobelia cardinalis* L.		cardinalis-alkaloid 2	PAH 33:852.
		lobeline	Orekhov 94.
	w, r	lobinaline	M–H I 189.
723. *Lobelia delisseana* Gaudich.	*l, s, fl, r*	unn	Wall 55.
724. *Lobelia dortmanna* L.	*l*	unn	We 1209.
		lobeline	Orekhov 94.
725. *Lobelia erinus* L.		unn	M–H I 189.
		lobeline	Orekhov 94.
		unn	M–H I 189.
726. *Lobelia gibberoa* Hemsl.	*fl*	unn	CA 44: 10139.
727. *Lobelia inflata* L.		alkaloid $C_{18}H_{27(29)}NO_3$	Ann der Chem 608: 88.
		8,10-diethyl lobelidiol	Ann der Chem 608: 88.
		8-ethyl norlobelol-I	Ann der Chem 608: 88.
	w, r	isolobinanidine	M–H I 189.
	w, r	isolobinine	M–H I 189.
	w, r	lelobanidines I, II	M–H I 189.
	w, r	lobelanidine	M–H I 189.
	w, r	lobelanine	M–H I 189.
	w, r, sd	lobeline	M–H I 189.
	w, r	lobinanidine	M–H I 189.
	w, r	lobinine	M–H I 189.

		8-methyl-10-ethyl-lobelidiol	Ann der Chem 608: 88.
		8-methyl-10-phenyl-lobelidiol	Ann der Chem 608: 88.
		norlelobanidine	Ann der Chem 608: 88.
	w, r	norlobelanidine	M–H I 189.
	w, r	norlobelanine	M–H I 189.
		unn. (4)	Ann der Chem 608: 88.
730. *Lobelia nicotianaefolia* Heyne	*l*	lelobanidines I, II, III	CA 50: 2918.
	l, fl	lobeline	BA 20: 7370.
	l	norlobelanidine	CA 50: 2918.
730A. *Lobelia puberula* Michx.	*l, s, fl, r*	unn	Wall 60.
731. *Lobelia purpurascens* R. Br.		lobeline	Webb 232.
732. *Lobelia pyramidalis* Hohen.		lobeline group	BA 26: 19316.
732A. *Lobelia radicans* Thunb.	*w*	lobelanine	CA 50: 12402.
	w	lobeline	CA 50: 12402.
733. *Lobelia salicifolia* Sweet	*w, r*	lobelanine	CA 50: 13368.
	w, r	lobeline	CA 50: 13368.
	w, r	norlobelanidine	CA 50: 13368.
	w, r	norlobelanine	CA 50: 13368.
	w, r	salicilobine	CA 50: 13368.
	sd	unn	BA 26: 26002.
734. *Lobelia sessilifolia* Lamb.		lobeline	Orekhov 94.
	w	unn	M–H I 189.
735. *Lobelia suavibracteata* Hauman		unn	CA 44: 10265.
736. *Lobelia syphilitica* L.		lobeline	Orekhov 94.
		lophilacrine	CA 47: 12753.
		lophiline	CA 47: 12753.
	l	unn	We 1209.
	l, s, fl, r	unn	Wall 60.
737. *Lobelia tupa* L.	*l*	lobelanidine	CA 53: 1631.
		lobeline	CA 45: 2152.
	l	norlobelanine	CA 53: 1631.
	l	unn. (5)	CA 53: 1631.
738. *Lobelia urens* L.		lobelanidine	CA 44: 8601.
		lobeline	CA 44: 8601.
		lurenine	CA 45: 3853.
		unn	CA 44: 8601.
740. *Pratia concolor* Druce (*P. erecta* Gaudich.) (*Lobelia concolor* R. Br.).	*l, s*	unn	Webb 268.
741. *Siphocampylus foliosus* Griseb.	*w*	siphocampiline	CA 45: 9134.
742. *Wahlenbergia gracilis* Schrad.	*w*	unn	Webb 241.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CAPPARIDACEAE			
743. *Apophyllum anomalum* F. Muell.	*s*	unn	Webb 241.
744. *Capparis canescens* Banks	*l, b*	unn	Webb 241.
745. *Capparis lasiantha* R. Br.	*l, fr, b*	unn	Webb 241, 268.
746. *Capparis lucida* Banks	*l*	unn	Webb 268.
747. *Capparis mitchellii* Lindl.	*b*	unn	Webb 268.
748. *Capparis nobilis* F. Muell.	*l, b*	unn	Webb 241.
749. *Capparis* aff. *nobilis* F. Muell.	*l, b*	unn	Webb 241.
750. *Capparis nummularia* DC.	*l, s*	unn	Webb 268.
751. *Capparis persicaefolia* A. Rich.		unn	Klein 721.
752. *Capparis sarmentosa* A. Cunn.	*l, s, fl*	unn	Webb 268.
753. *Capparis sola* Macbride	*b*	unn	CA 32: 8077.
754. *Capparis spinosa* L.		unn	Klein 721.
755. *Capparis tomentosa* Lam.	*fr*	stachydrine	LCSJ 1952:601.
756. *Capparis* sp.	*l, b*	unn	Webb 241.
757. *Cleome ciliata* Schum. & Thonn.	*w*	unn	D–K.
758. *Cleome* sp.	*l*	unn	Arthur.
	w	unn	Webb 241.
759. *Courbonia virgata* Brongn.	*fr*	3-hydroxystachydrine	LCSJ 1952:597.
760. *Crataeva* sp.	*r*	unn	D–K.
761. *Gynandropsis gynandra (G. pentaphylla)*	*l*	unn	Webb 268.
762. *Polanisia graveolens* Raf.	*l, s, fr, r*	unn	Wall 55.
763. *Polanisia viscosa* DC.	*w*	unn	Webb 241, 268.
CAPRIFOLIACEAE			
764. *Diervilla florida* Sieb. & Zucc.	*fr*	narceine	We 1190.
765. *Lonicera caucasica* Pall.		unn	CA 48:11727.
766. *Lonicera iberica* Bieb.		unn	CA 48:11727.
767. *Lonicera* sp.	*l*	unn	Webb 268.
768. *Sambucus gaudichaudiana* DC.	*l, s*	unn	Webb 241.
769. *Sambucus nigra* L.	*b*	sambucine	Chopra 529.
	l, b, fl	unn	Chopra 529.

770. *Sambucus racemosa* L.	*l, b, fl*	unn	CA 30:5723.
771. *Sambucus xanthocarpa* F. Muell.	*l, b, fl*	unn	CA 30:5723.
772. *Sambucus* sp.	*l, s*	unn	Webb 268.
773. *Triosteum perfoliatum* L.	*l*	trigonelline	CA 46:6332.
774. *Viburnum prunifolium* L.	*r*	triosteine	We 1188.
775. *Viburnum sambucinum* Reinw.	*b*	unn	We 1189.
	l	unn	We 1189.
CARICACEAE			
776. *Carica dodecaphylla* Vell.	*l, fr, sd*	carpaine	We 807.
777. *Carica hastata* Brign.		carpaine	Henry 599.
778. *Carica papaya* L.	*l, fr, sd*	carpaine	Henry 599.
	l	ψ-carpaine	CA 49:6282.
CARYOPHYLLACEAE			
780. *Dianthus crinitus* Sm.		unn	CA 48:11727.
781. *Dianthus raddeanus*		unn	CA 48:11727.
782. *Herniaria glabra* L.		paronychine	Klein 705.
783. *Lychnis flos-cuculi* L.	*fl*	unn	Klein 705.
784. *Melandrium* sp.		unn	CA 48:11727.
785. *Silene* sp.		unn	CA 48:11727.
786. *Stellaria* sp.		unn	CA 52:3044.
CELASTRACEAE			
787. *Caryospermum arborescens* F. Muell.	*l*	unn	Webb 268.
788. *Catha edulis* Forsk.		cathidine	Sokolov 126.
		cathine	Sokolov 126.
		cathinine	Sokolov 126.
		ephedrine	Orekhov 672.
		ψ-ephedrine	Orekhov 672.
		nor-ψ-ephedrine	Henry 635.
789. *Celastrus cunninghamii* F. Muell.	*l, r, fr*	unn	Webb 241, 268.
790. *Celastrus dispermus* F. Muell.	*l, b*	unn	Webb 241.
791. *Celastrus paniculatus* Willd.	*sd*	celastrine	Henry 780.
	sd	paniculatine	Henry 780.
792. *Denhamia obscura* Meissn.	*l, w*	unn	Webb 268.

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Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CELASTRACEAE—Continued			
793. *Denhamia pittosporoides* F. Muell.	*l, s, fr*	unn	Webb 268.
794. *Elaeodendron australe* Vent.	*l, b, rb, fr*	unn	Webb 241.
795. *Elaeodendron croceum* DC.	*rb*	unn	We 1286.
796. *Elaeodendron melanocarpum* F. Muell.	*b, fr*	unn	Webb 241.
797. *Elaeodendron microcarpum* C. T. White & Francis	*l*	unn	Webb 268.
798. *Euonymus australianus* F. Muell.	*w*	unn	Webb 268.
799. *Euonymus europaeus* L.	*sd*	unn. (3)	M-H V 308.
800. *Lophopetalum toxicum* Loher		unn	Klein 731.
801. *Maytenus boaria* Molina	*b*	unn	CA 31:7494.
802. *Maytenus ilicifolia* Mart.	*sd*	caffeine (?)	BSP 44:137.
803. *Maytenus* sp.	*fr*	caffeine	Freise.
804. *Siphonodon australis* Benth.	*fr, b*	unn	Webb 241.
805. *Siphonodon membranaceus* F. M. Bailey	*l, b*	unn	Webb 241.
806. *Siphonodon pendulus* F. M. Bailey	*b, fr*	unn	Webb 241.
807. *Tripterygium wilfordii* Hook. f.		tripterigine	Orekhov 774.
	r	wilfodeine	CA 46:6658.
	r	wilforgine	CA 48:180.
		wilforidine	Orekhov 774.
	r	wilforine	CA 46:6658.
	r	wilfortrine	CA 48:180.
	r	wilforzine	CA 48:5195.
CHENOPODIACEAE			
808. *Anabasis aphylla* L.	*w*	anabasine	Henry 43.
	w	aphyllidine	Henry 53.
	w	aphylline	Henry 54.
	w	base V	Henry 54.
	w	lupinine	Henry 53.
	w	N-methylanabasine	ACSJ 54:397.
	w	oxyaphyllidine	AC 69:67.
	w	oxyaphylline	AC 69:67.
		supinine	CA 49:12778.

809. *Anabasis eriopoda* Paulsen		unn	Roark 10.
810. *Anabasis eugeniae* Iljin		unn	Roark 10.
811. *Anabasis ramosissima* Minkwitz		unn	Roark 10.
812. *Anabasis truncata* Bunge		unn	Roark 10.
813. *Arthrophytum leptocladium* Popov	*l, s*	dipterine	Henry 772.
	l, s	leptocladine	Henry 772.
	l, s	N-methyl-β-phenethylamine	Henry 772.
	w	3-methyl-1,2,3,4-tetrahydro-α-carboline.	CA 53:7506.
814. *Arthrophytum wakhanicum* Korovin		dipterine	Orekhov 564.
		leptocladine	Orekhov 570.
815. *Atriplex campanulata* Benth	*r*	unn	Webb 268.
816. *Atriplex canescens* James	*l*	unn	Wall 55.
817. *Atriplex fominii* Iljin	*fl*	unn	I-R.
818. *Atriplex hortensis* L		chenopodine	Jahresber Pharm 2:132.
819. *Atriplex littoralis* L		unn	CA 48:11727.
820. *Atriplex nitens* Schkuhr		unn	CA 48: 11727.
821. *Bassia bicornis* R. H. Anders	*l, s*	unn	Webb 268.
822. *Bassia birchii* F. Muell	*w*	unn	Webb 268.
823. *Bassia quinquecuspis* F. Muell	*l, s*	unn	Webb 241.
824. *Chenopodium album* ? L		chenopodine	Sokolov 116.
	l, s	unn	Webb 241.
825. *Chenopodium blackianum* Aellen		unn	Webb 232.
826. *Chenopodium carinatum* R. Br	*w*	unn	Webb 241.
827. *Chenopodium cristatum* F. Muell	*w*	unn	Webb 241.
828. *Chenopodium murale* L	*l, s, r*	unn	Webb 268.
		unn	CA 53:3597.
829. *Chenopodium myriocephalum* Aellen	*l, s*	unn	Webb 241.
830. *Girgensohnia diptera* Bunge	*l, s*	dipterine	M-H I 167.
		girgensonine	Orekhov 119.
	l, s	N-methylpiperidine	M-H I 167.
831. *Girgensohnia oppositiflora* Fenzl		girgensonine	Henry 774.
		N-methylpiperidine	Henry 774.
832. *Halostachys caspica* C. A. Mey		halostachine	Henry 631.
833. *Kochia* sp	*w*	unn	Webb 241.
834. *Nanophyton caspicum* Less		2,6-dimethylpiperidine	M-H V 317.
		1,2,6-trimethylpiperidine	M-H V 317.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CHENOPODIACEAE—Continued			
835. *Nanophyton erinaceum* Bunge	*l, s*	2,6-dimethylpiperidine	CA 45:2485.
	l, s	1,2,6-trimethylpiperidine	CA 45:2485.
836. *Petrosimonia monandra* Bunge		piperidine	M–H I 167.
837. *Salsola dendroides* Pall.	*s*	unn	I–R.
838. *Salsola kali* L.		salsolidine	CA 53:11533.
		salsoline	CA 53:11533.
	l, s	unn	Webb 241.
839. *Salsola richteri* Karel.		salsamine	Henry 160.
	w	salsolidine	CA 46:4176.
	l	salsoline	H 159.
839A. *Salsola ruthenica* Iljin		salsolidine	CA 53:11533.
		salsoline	CA 53:11533.
839B. *Salsola soda* L.		salsolidine	CA 53:11533.
		salsoline	CA 53:11533.
840. *Salsola subaphylla* C. A. Mey.	*l, s*	subaphylline	CA 44:1455.
841. *Suaeda linearis* Moq.	*l, s, fl, r*	unn	Wall 55.
842. *Threlkeldia proceriflora* F. Muell.	*w*	unn	Webb 241.
COMBRETACEAE			
843. *Combretum jaquinii* Griseb.	*l*	caffeine	Freise.
844. *Combretum loeflingii* Eichl.	*sd*	caffeine	Freise.
845. *Combretum micranthum* G. Don	*l*	combretine	Henry 780.
845A. *Gyrocarpus asiaticus* Willd.	*b*	unn	We 351.
846. *Illigera pulchra* Blume		laurotetanine	M–H IV 125.
847. *Quisqualis indica* L.	*sd*	unn	Henry 782.
COMMELINACEAE			
848. *Aneilema acuminatum* R. Br.	*w*	unn	Webb 241.
849. *Commelina cyanea* R. Br.	*l, s*	unn	Webb 241.
850. *Commelina undulata* R. Br.	*l, s*	unn	Webb 241.

COMPOSITAE			
851. *Acantholepis orientalis* Less.		unn	CA 48:11727.
852. *Acanthospermum australe* (Loefl.) Kuntze	*l, s*	unn	Wall 55.
853. *Acanthospermum hispidum* DC.	*l, s*	unn	Webb 241.
854. *Acanthospermum xanthioides* DC.=*A. australe* (Loefl.) Kuntze.		acanthospermine	BA 16:13359.
855. *Achillea millefolium* L.		achiceine	Sokolov 133.
	l	achilleine	ACSJ 76:1353.
		moschatine	Sokolov 133.
	l, s	unn	Wall 55.
856. *Achillea moschata* Jacq.		achilleine	Henry 779.
		moschatine.	Henry 779.
857. *Actinomeris alternifolia* DC.	*l, s*	unn	Wall 55.
858. *Adenostemma lavenia* (L.) Kuntze	*l*	unn	Arthur.
859. *Ageratum conyzoides* L.	*l*	unn	Arthur.
860. *Amberboa glauca* Less.=*Centaurea glauca* Willd.		unn	CA 48:11727.
860A. *Ambrosia* sp.	*l, s, r*	unn	Wall 60.
861. *Anacyclus pyrethrum* DC.	*r*	anacyclin	LCSJ 1955:999.
	r	pellitorine	LCSJ 1955:999.
862. *Aplopappus hartwegii* (A. Gray) Blake	*w*	pyridine	M–H I 167.
		unn	Henry 779.
863. *Arctium minus* Bernh.	*l, s, fl*	unn	Wall 55.
864. *Arctium pubens* Bab.	*fr*	unn	We 1261.
865. *Artemisia abrotanum* L.	*l*	abrotine	We 1251.
866. *Artemisia austriaca* Jacq.		unn	CA 34:5878.
867. *Artemisia divaricata* Pampan.		unn	CA 50:10341.
868. *Artemisia fragrans* Willd.		unn	CA 50:10341.
869. *Artemisia hanseniana*		unn	CA 50:10341.
870. *Artemisia ludoviciana* Nutt.	*l, s, r*	unn	Wall 55.
871. *Artemisia maritima* L.		unn	CA 34:5878.
872. *Artemisia spicigera* C. Koch		unn	CA 50:10341.
873. *Artemisia tridentata* Nutt.	*l*	unn	Wall 55.
874. *Artemisia* spp.		unn	CA 49:7813.
875. *Aster subulatus* Michx.	*l, s*	unn	Webb 241.
876. *Baccharis cordifolia* DC.		baccharine	Henry 779.
877. *Baccharis halimifolia* L.	*l, s*	unn	Webb 241.
878. *Bidens pilosa* L.	*l, s*	unn	Webb 268.
	l, s, r	unn	Wall 55.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
COMPOSITAE—Continued			
879. *Bigelowia nudata* DC. (*Chondrophora nudata* (Michx.) Britton).	*l, s, fl, r*	unn	Wall 55.
880. *Blumea balsamifera* DC.	*l*	unn	Arthur.
881. *Brachycome microcarpa* F. Muell.	*l, s*	unn	D-K.
882. *Brachycome* spp.	*w*	unn	Webb 241.
883. *Cacalia hastata* L.	*w*	unn	Webb 241.
884. *Calotis cuneifolia* R. Br.		hastacine	Henry 601.
885. *Calctis hispidula* F. Muell.	*w*	unn	Webb 241.
886. *Carduus acanthoides* L.	*l, s, fr*	unn	Webb 268.
887. *Carduus* sp.	*l, s, fl*	unn	Wall 55.
888. *Cassinia laevis* R. Br.		unn	Webb 232.
888A. *Centaurea alexandri* Bordz.	*l*	unn	Webb 241.
888B. *Centaurea depressa* Bieb.		unn	CA 53:3597.
889. *Centaurea diffusa* Lam.		unn	CA 53:3597.
889A. *Centaurea iberica* Trevir.		unn	CA 34:5878.
890. *Centaurea inuloides* Fisch.		unn	CA 53:3597.
891. *Centaurea karabaghensis* (*Psephellus karabaghensis*)		unn	CA 34:5878.
892. *Centaurea macrocephala* Puschk.		unn	CA 48:11727.
893. *Centaurea maculosa* Lam.	*w*	unn	CA 48:697.
894. *Centaurea melitensis* (?) L.	*l, s, fl, r*	unn	Wall 55.
895. *Centaurea picris* Pall. = *C. repens* L.	*w*	unn	Webb 241.
896. *Centaurea solstitialis* L.		unn	CA 51:14907.
897. *Centaurea squarrosa* Roth	*w, fl*	unn	CA 51:8910.
898. *Centipeda thespidioides* F. Muell.	*w*	unn	CA 48:697.
899. *Centratherum muticum* Less.	*l, s, fl*	unn	Webb 268.
900. *Chrysanthemum cinerariaefolium* Vis.	*w*	unn	Webb 241, 268.
901. *Chrysanthemum sinense* Sabine		stachydrine	Henry 773.
902. *Cicerbita* sp.	*l, fl*	stachydrine	M-H I 101.
903. *Cirsium arvense* (L.) Scop.		unn	CA 48:11727.
903A. *Cirsium setigerum* Ledeb.	*l*	unn	We 1262.
	l, s, fl	unn	Wall 55.
		unn	CA 53:3597.

904. *Crepis pinnatifida* Froel.		unn	CA 48:11727.
905. *Dahlia variabilis* Desf.	*t*	trigonelline	M-H I 176.
906. *Dicoma anomala* Sond.	*w*	unn	CA 7:2660.
907. *Doronicum macrophyllum* Fisch.		unn	CA 48:11727.
908. *Echinops albidus* Boiss. & Sprun.	*sd, l*	echinopsine	We Sup 78.
909. *Echinops bannaticus* Rochel	*l, fr*	echinopsine	Klein 771.
910. *Echinops commutatus* Juratzka	*l, b, sd, wd*	echinopsine	Klein 771.
911. *Echinops dahuricus* Fisch.	*l, sd*	echinopsine	We Sup 78.
912. *Echinops exaltatus* Schrad.	*l, sd*	echinopsine	We Sup 78.
913. *Echinops horridus* Desf.	*l, sd*	echinopsine	We Sup 78.
914. *Echinops niveus* Wall.	*l, sd*	echinopsine	We Sup 78.
915. *Echinops ritro* L.	*sd*	echinopseine	M–H III 66.
	sd	echinops-fluorescine	M–H III 66.
	sd	echinopsine	M–H III 66.
	sd	β-echinopsine	M–H III 66.
916. *Echinops sphaerocephalus* L.	*l, sd*	echinopsine	We Sup 78.
	fr	unn. (4)	CA 52:6721.
917. *Echinops szowitzii* Fisch. & Mey.	*l, sd*	echinopsine	We Sup 78.
918. *Eclipta alba* (L.) Hassk.	*w*	nicotine	Henry 35.
	l, s, r	unn	Wall 55.
919. *Emilia sonchifolia* (L.) DC.	*w*	unn	Webb 268.
920. *Enhydra fluctuans* Lour.	*w*	unn	CA 47:3523.
921. *Epaltes australis* Less.	*w*	unn	Webb 241.
922. *Erechtites gunnii* Hook. f.	*s*	unn	Webb 268.
923. *Erechtites hieracifolia* (L.) Raf.	*w*	senecionine	ACSJ 78:398.
	w	seneciphylline	ACSJ 78:398.
	l, s, r	unn	Wall 55.
924. *Erechtites quadridentata* DC.	*w*	retrorsine	RSWAJ 41:1 (1958).
	w	retrorsine N-oxide	RSWAJ 41:1 (1958).
	w	senecionine	RSWAJ 41:1 (1958).
	w	senecionine N-oxide	RSWAJ 41:1 (1958).
	w	seneciphylline	RSWAJ 41:1 (1958).
	w	seneciphylline N-oxide	RSWAJ 41:1 (1958).
925. *Erechtites valerianifolia* (Wulf.) DC.	*l*	unn	Arthur.
926. *Erigeron linifolius* Willd.	*w*	unn	Webb 241.
927. *Eupatorium cannabinum* L.	*l, fl*	eupatorine	Merck.
	w	unn	I–R.
928. *Eupatorium chinense* L.	*l*	unn	BA 12:5412.
928A. *Eupatorium mohrii* Greene	*l, s, r*	unn	Wall 55.
929. *Eupatorium odoratum* L.	*r*	unn	D–K.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
COMPOSITAE—Continued			
929A. *Eupatorium resinosum* Torr.	*l, s, fl, r*	unn	Wall 55.
930. *Eupatorium riparium* Regel	*l, s, fr*	unn	Webb 241.
930A. *Eupatorium rotundifolium* L.	*l, s*	unn	Wall 55.
930B. *Franseria* sp.	*l, s, fl*	unn	Wall 60.
931. *Gnaphalium luteo-album* L.	*w*	unn	Webb 268.
932. *Gnaphalium purpureum* L.	*w*	unn	Webb 268.
933. *Gnephosis cyathopappa* Benth.	*l, s, fl*	unn	Webb 268.
933A. *Gutierrezia californica* Torr. & Gray	*w*	unn	Wall 60.
933B. *Helenium tenuifolium* Nutt.	*l, s, fl, r*	unn	Wall 55.
934. *Helichrysum apiculatum* D. Don	*w*	unn	Webb 241.
935. *Helichrysum bracteatum* Andr.	*l, s, r*	unn	Webb 241.
936. *Helichrysum diosmaefolium* Sweet	*l, s*	unn	Webb 241.
937. *Helichrysum polyphyllum* Ledeb.	*l, s, fl*	unn	Webb 268.
938. *Helipterum anthemoides* DC.	*w*	unn	Webb 241.
939. *Helipterum incanum* DC.	*w*	unn	Webb 241.
940. *Inula royleana* DC.	*r*	inuline	CJS 37:1187.
	r	methyllycaconitine	CJS 37:1187.
	r	royline	CJS 37:1187.
941. *Ixiolaena brevicompta* F. Muell.	*l, s, fl*	unn	Webb 241.
942. *Ixiolaena tomentosa* (?) Sond. & Muell.	*w*	unn	Webb 241.
942A. *Jurinea arachnoidea* Bunge		unn	CA 53:3597.
943. *Jurinea subacaulis* Fisch. & Mey.		unn	CA 48:11727.
944. *Lactuca muralis* (L.) E. Mey.	*l, s, fl, r*	unn	We 1266.
945. *Lactuca scariola* L.	*sd*	unn	We 1266.
	l, r	unn	Webb 241.
	l, s	unn	Wall 55.
946. *Lactuca virosa* L.	*l*	hyoscyamine	Webb 232.
947. *Lagascea spinosissima*	*l*	unn	We 1214.
947A. *Liatris laevigata* Nutt.	*l, s, r*	unn	Wall 55.
948. *Mikania cordifolia* (L.) Willd.	*b, l*	unn	CA 44:2179.
949. *Millotia greevesii* F. Muell.	*l, s, fl*	unn	Webb 268.
950. *Montanoa floribunda* C. Koch		unn	Falck 25.

951. *Nyssanthes diffusa* R. Br.	*l, s*	unn	Webb 241.
952. *Olearia elliptica* DC.	*l*	unn	Webb 241.
953. *Olearia* spp.	*l, s*	unn	Webb 241.
954. *Parthenium hysterophorus* L.		parthenine	AJP. 69:169.
	b, l	unn	CA 44:2179.
	l, s, fl, r	unn	Wall 55.
955. *Petasites* (*Nardosmia*) *laevigatus* Reichb.	*w*	platyphylline	CA 48:697.
	w	renardine	CA 48:697.
	w	senecionine	CA 48:697.
956. *Picris hieracioides* L.	*l, s, fl*	unn	Webb 268.
957. *Pluchea indica* (L.) Less.	*l*	unn	Arthur.
958. *Podolepis longipedata* A. Cunn.	*w*	unn	Webb 268.
959. *Podolepis rutidochlamys* Benth.	*w*	unn	Webb 241.
959A. *Polymnia uvedalia* L.	*l, s, r*	unn	Wall 55.
960. *Psilocaulon absimile* N. E. Brown		psilocauline	Orekhov 804.
961. *Pterigeron odorus* Benth.	*l, s, fl, r*	unn	Webb 268.
962. *Pterocaulon cylindrostachyum* C. B. Clarke	*l, s*	unn	Webb 241.
963. *Pterocaulon serrulatum* (*P. glandulosum* F. Muell.)	*l, s, fl*	unn	Webb 268.
964. *Saussurea alata* DC.		saussurine	Sokolov 133.
965. *Saussurea lappa* C. B. Clarke	*r*	saussurine	Henry 782.
966. *Scorzonera hispanica* L.	*l*	trigonelline	M–H I 176.
967. *Senecio adnatus* DC.		platyphylline	Orekhov 51.
968. *Senecio ambrosioides* Mart.		retrorsine	CA 51:2231.
		senecionine	CA 51:2231.
		seneciphylline	CA 51:2231.
969. *Senecio ampullaceus* Hook.	*w*	α- and β-longilobine	ACSJ 71:1956.
	w	senecionine	ACSJ 71:1956.
970. *Senecio aquaticus* Hill	*w*	aquaticine	Nature 164:30.
	w	jacodine	Henry 601.
971. *Senecio arenarius* Thunb.	*w*	unn	I–R.
972. *Senecio aureus* L.	*w*	senecifoline	Merck.
	w	senecine	Merck.
	w	senecionine	Henry 602.
	l, s, r	unn	Wall 55.
		unn	M–H I 162.
973. *Senecio brachychaetus* DC.		rosmarinine	Henry 602.
974. *Senecio brachypodus* DC.	*fl, r*	jacobine	CA 51:2231.
975. *Senecio brasiliensis* Less.		senecionine	CA 51:2231.
		seneciphylline	CA 51:2231.
		unn	Henry 602.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
COMPOSITAE—Continued			
976. *Senecio bupleuroides* DC.	*w*	isatidine	CA 44:3217.
977. *Senecio campestris* DC.	*w*	retrorsine	CA 44:3217.
978. *Senecio candolleanus* Hook. & Arn.		campestrine	Henry 601.
		condoline	Orekhov 61.
		senecionine	Orekhov 48.
979. *Senecio carthamoides* Greene		unn	M–H I 162.
	w	α-longilobine	ACSJ 71:1956.
		carthamoidine	Henry 601.
980. *Senecio caucasicus* DC.	*w*	senecionine	ACSJ 71:1956.
981. *Senecio cineraria* DC.	*w*	unn	I–R.
		jacobine	Henry 601.
		jacodine	Henry 601.
983. *Senecio douglasii* DC.	*sd*	senecionine	CA 43:9075.
		douglasiine	M–H I 109.
	w	α- and β-longilobine	ACSJ 71:1956.
	w	riddelliine	ACSJ 71:1956.
984. *Senecio eremophilus* Phil.	*w*	senecionine	ACSJ 71:1956.
		eremophiline	M–H I 109.
	w	α- and β-longilobine	ACSJ 71:1956.
	w	riddelliine	ACSJ 71:1956.
	w	senecionine	ACSJ 71:1956.
935. *Senecio erraticus* Bertol.	*w*	alkaloids S–C, S–D	CA 52:14971.
	w	othosenine	CA 52:14971.
	w	senecionine	CA 52:14971.
986. *Senecio erucifolius* L. (*S. crucaefolius* Willk.)		jacobine	Henry 601.
		unn	Henry 602.
987. *Senecio fremontii* Torr. & Gray	*w*	unn	PJ 138:102.
		senecionine	CA 51:2231.
988. *Senecio fuchsii* C. C. Gmel.		seneciphylline	CA 51:2231.
	l	fuchsisenecionine	M–H I 109.
989. *Senecio glabellus* DC.		unn	M–H I 112.
	w	senecionine	CA 48:12140.

990. *Senecio glaberrimus* DC		retrorsine	Henry 602.
991. *Senecio graminifolius* Phil		graminifoline	Henry 601.
		retrorsine	Henry 602.
		unn	M–H I 162.
992. *Senecio grandidentatus* Ledeb		N-hydroxyplatyphylline	CA 52:12322.
993. *Senecio grandifolia* Less	*l, s, r*	platyphylline	CA 52:12322.
	l, s, r	seneciphylline	CA 52:12322.
	l, s	unn	Webb 268.
994. *Senecio gregorii* F. Muell	*l, s*	platyphylline	Henry 602.
995. *Senecio hygrophilus* Klatt (*S. adnatus* DC.)	*w*	rosmarinecine	CSJ 1943:452.
	w	rosmarinine	Henry 602.
	w	unn	CA 38:364.
	w	retrorsine	Henry 602.
996. *Senecio ilicifolius* L		senecionine	Henry 602.
		seneciphylline	CI 1954:1386.
		integerrimine	Henry 601.
997. *Senecio integerrimus* Nutt		senecionine	Henry 602.
		isatidine	Henry 601.
998. *Senecio isatideus* DC		retrorsine	Henry 602.
	w	jacobine	Henry 601.
999. *Senecio jacobaea* L	*w*	jacodine	Henry 601.
	l, s	jacoline	CA 49:2028.
	l, s	jaconine	CA 49:2028.
	l, s	jacozine	CA 49:2028.
	w	senecine	Merck.
		seneccionine	CI 1956:1236.
		seneciphylline	CI 1956:1236.
		unn	M–H I 162.
1000. *Senecio jacquinianus* Reichb	*fl*	unn	I–R.
		mikanoidine	M–H I 110.
1001. *Senecio kaempferi* DC	*l, b*	senkirkine	BA 23:19709.
1002. *Senecio kirkii* Hook. f	*s*	integerrimine	CI 1958:126.
1003. *Senecio kleinia* Less	*fl*	unn	I–R.
1004. *Senecio lampsanoides* DC		retrorsine	Henry 602.
1005. *Senecio latifolius* Banks & Soland	*w*	senecifolidine	Henry 602.
	w	senecifoline	Henry 602.
1006. *Senecio lautus* Soland. forma	*l, fl*	unn	Webb 241,268.
1008. *Senecio longilobus* Benth	*w*	α- and β-longilobine	ACSJ 71:1956.
	w	riddelliine	ACSJ 71:1956.
	w	senecionine	ACSJ 71:1956.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
COMPOSITAE—Continued			
1009. *Senecio macrophyllus* Bieb.	w	macrophylline	CA 50:2626.
1010. *Senecio massagetovii*		unn	M–H I 162.
1011. *Senecio mikanioides* Otto		mikanoidine	Henry 601.
1012. *Senecio orientalis* Willd.		unn	M–H I 162.
	fl	unn	I–R.
1013. *Senecio othonnae* Bieb.		othosenine	Henry 601.
1014. *Senecio paludosus* L.		jacobine	M–H I 110.
		jacodine	M–H I 110.
1015. *Senecio palustris* Hook.	w	unn	PJ 138:102.
1015A. *Senecio pampeanus* Cabrera		senecionine	CA 53:3606.
1016. *Senecio riddellii* Torr. & Gray var. *parksii* Cory	w	β-longilobine	CA 43:9076.
	w	riddelliine	CA 43:9076.
1017. *Senecio paucicalyculatus* Klatt	w	isatidine	CA 44:3217.
	w	paucicaline	CA 44:3217.
	w	retrorsine	CA 44:3217.
1018. *Senecio pauciligulatus* A. Rich.	w	rosmarinine	Henry 602.
1019. *Senecio pedunculosus* Trautv.		unn	M–H I 162.
1020. *Senecio platyphylloides* Somm. & Levier		unn	M–H I 162.
1021. *Senecio platyphyllus* DC.		*N*-oxidoplatyphylline	CA 46:2085.
		N-oxidoseneciphylline	CA 46:2085.
	w	platyphylline	CA 43:280.
1022. *Senecio pseudo-arnica* Less.	w	seneciphylline	CA 43:280.
1023. *Senecio pterophorus* DC.		senecionine	Henry 602.
		retrorsine	Henry 602.
	w	senecionine	CI 1954:1386.
1024. *Senecio renardii* Winkl.	w	seneciphylline	CI 1954:1386.
	l	othosenine	CA 45:2960.
	l	renardine	CA 45:2960.
1025. *Senecio retrorsus* DC.	l	seneciphylline	CA 45:2960.
		isatidine	Henry 601.
1026. *Senecio riddellii* Torr. & Gray	l	retrorsine	Henry 602.
		riddelliine	Henry 602.

1027. *Senecio rosmarinifolius* L.		rosmarinine	Henry 602.
1028. *Senecio ruderalis* Harv.		retrorsine	CA 46:4910.
1029. *Senecio ruwenzoriensis* S. Moore	*w*	ruwenine	CA 48:5875.
	w	ruzorine	CA 48:5875.
1030. *Senecio sarracenicus* L.	*w*	sarracine	CA 47:12759.
	w	sarracine N-oxide	CA 47:12759.
		unn. (2)	Henry 602.
1031. *Senecio sceleratus* Schweicherdt		isatidine	Henry 601.
		retrorsine	M–H I 110.
		rosmarinine	Henry 602.
		scleratine	Henry 602.
1032. *Senecio spartioides* Torr. & Gray		seneciphylline	Henry 602.
		spartioidine	Henry 602.
1033. *Senecio squalidus* L.		senecionine	Henry 602.
		squalidine	Henry 602.
1034. *Senecio stenocephalus* Maxim.		seneciphylline	Henry 602.
1035. *Senecio sylvaticus* L.	*l*	silvasenecine	We 1252.
1036. *Senecio taraxacifolius* DC.	*w*	unn.	I–R.
1037. *Senecio thyrsophorus* C. Koch		unn.	M–H I 162.
1038. *Senecio tomentosus* Michx.	*w*	senecionine	ACSJ 78:3513.
	w	tomentosine	ACSJ 78:3513.
1039. *Senecio venosus* Harv.		retrorsine	Henry 602.
1040. *Senecio vernalis* Waldst. & Kit.	*w*	unn.	I–R.
1041. *Senecio viscosus* L.		senecionine	Henry 602.
1042. *Senecio vulgaris* L.		condoline	Sokolov 133.
		fuchsiseneciónine	Sokolov 133.
		jacobine	Sokolov 133.
		othosenine	Sokolov 133.
		platyphylline	Sokolov 133.
		retrorsine	Sokolov 133.
		senecifolidine	Sokolov 133.
		senecifoline	Sokolov 133.
	w	senecine	Merck.
	w	senecionine	Merck.
		seneciphylline	Sokolov 133.
		silvasenecine	Sokolov 133.
1043. *Senecio* spp.	*sd*	cytisine	CA 43:3016.
	sd	matrine	CA 43:3016.
	sd	N-methylcytisine	CA 43:3016.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
COMPOSITAE—Continued			
1044. *Siegesbeckia orientalis* L.	*w*	unn	Webb 241.
1045. *Silybum marianum* (L.) Gaertn.		tyramine	M–H III 318.
	sd	unn	CA 50:10988.
1045A. *Solidago speciosa* Nutt.	*l, s, fl, r*	unn	Wall 60.
1046. *Solidago virga-aurea* Auct.=*S. virgaurea* L.	*l*	unn	Archiv Pharm 272:673.
1047. *Sphaeranthus indicus* L.		sphaeranthine	Henry 777.
1048. *Spilanthes acmella* (L.) Murr.	*w*	unn	Webb 268.
1049. *Spilanthes oleracea* Jacq.		spilanthine	Falck 3.
1049A. *Stizolophus balsamita* Cass.	*l, s*	stizolophine	CA 48:696.
1050. *Synedrella nodiflora* (L.) Gaertn.	*l*	unn	Arthur.
1051. *Tageles minuta* L. (*T. glandulifera* Schrank)	*s, b*	unn	Webb 268.
1052. *Taraxacum kok-saghyz* Rod.	*r*	unn	CA 50:393.
1053. *Tarchonanthus camphoratus* L.	*l*	unn	We 1219.
1054. *Tridax procumbens* L.	*l, s*	unn	Webb 268.
1055. *Verbesina encelioides* (Cav.) Benth. & Hook. f.	*l, s, fl*	unn	Webb 241.
1056. *Vernonia cinerea* Less.	*l*	unn	Webb 268.
1057. *Vernonia patula* Mart.	*l*	unn	Arthur.
1058. *Vittadinia pterochaeta* J. M. Black	*l, s, fl*	unn	Webb 268.
1059. *Vittadinia triloba* DC. (*V. australis* A. Rich.)	*l, s, fl*	unn	Webb 241, 268.
1060. *Wedelia asperrima* Benth.	*l, fl*	unn	Webb 241.
1061. *Wedelia biflora* (L.) DC.	*l*	unn	Arthur.
1062. *Xanthium pungens* Wallr.	*l, r*	unn	Webb 241.
1063. *Xanthium spinosum* L.		unn	Webb 232.
1063A. *Xanthium* sp.		unn	CA 53:8538.
1064. *Zinnia elegans* Jacq.	*l*	anabasine	CA 49:12784.
	r, l	nicotine	CA 49:12784.
1065. *Zinnia linearis* Benth.	*l*	nornicotine	We 1234.
1066. *Zinnia pauciflora* L.	*l*	unn	Webb 241.
	l, s, fl	unn	

CONVOLVULACEAE			
1067. *Argyreia nervosa* Boj.	*s*	unn	D–K.
1068. *Calonyction muricatum* G. Don	*sd*	unn	PPAJ 41:231.
1069. *Convolvulus calvertii* Boiss.	*w*	unn	CA 35:4154.
1070. *Convolvulus erinaceus* Ledeb.	*w*	unn	CA 35:4154.
1071. *Convolvulus hamadae* (Vved.) Petrov	*r*	cuscohygrine	Henry 67.
	r	hamadine	Henry 67.
	r	hygrine	Henry 67.
1072. *Convolvulus korolkowii* Regel & Schmalh.	*w*	unn	CA 35:4154.
1073. *Convolvulus lineatus* L.		cuscohygrine	Orekhov 35.
1074. *Convolvulus pluricaulis* Choisy	*w*	sankhpuspine	Henry 773.
1075. *Convolvulus pseudo-cantabrica* Schrenk	*sd*	convolvamine	Henry 67.
	sd	convolvicine	Henry 67.
	sd	convolvidine	Henry 67.
	sd	convolvine	Henry 67.
1076. *Convolvulus subhirsutus* Regel & Schmalh.		convolvamine	Sokolov 129.
		convolvicine	Sokolov 129.
		convolvidine	Sokolov 129.
		convolvine	Sokolov 129.
1077. *Convolvulus tschimganicus* Popov & Vved.	*w*	unn	CA 35:4154.
1078. *Cuscuta* sp.	*s*	unn	Webb 241.
1079. *Evolvulus alsinoides* L.	*l, s*	unn	Webb 268.
1080. *Ipomoea calobra* Hill & F. Muell.	*l, s, r*	unn	Webb 241.
1081. *Ipomoea longiflora* (?) R. Br.	*fr*	unn	Webb 241.
1082. *Ipomoea plebeia* R. Br.	*l, s, fr*	unn	Webb 241, 268.
1083. *Ipomoea quamoclit* L.	*l, b*	unn	CA 44:2179.
	l, s, fr	unn	Wall 55.
1084. *Ipomoea sidaefolia* Choisy	*sd*	unn	Henry 781.
1085. *Ipomoea tuba* (?) G. Don (*I. grandiflora* (?) Lam.)	*fr*	unn	Webb 268.
1086. *Jacquemontia tomentella* Hallier f.	*l*	unn	Arthur.
1087. *Porana volubilis* Burm. f.	*s*	unn	D–K.
CORIARIACEAE			
1088. *Coriaria myrtifolia* L.	*l*	unn	We 701.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CORNACEAE			
1089. *Alangium hexapetalum* Lam.		unn	Klein 732.
1090. *Alangium lamarckii* Thw.		akharkantine	BA 25:6211.
	sd	alamarckine	CA 51:3090.
	b	alangine	Henry 771.
	rb	alanginine	CA 45:10489.
	rb	alangiums A and B	CA 45:10489.
		ankoline	BA 25:6211.
	b	bases B1, 2, 3, 4, 5	CA 52:7337.
1091. *Alangium sundanum* Miq.		lamarkine	BA 25:6211.
1092. *Alangium villosum* Wangerin		unn	Klein 732.
1092A. *Cornus florida* L.	*l, b, wd*	unn	Webb 241.
1093. *Garrya buxifolia* A. Gray	*l, s*	unn	Wall 55.
1094. *Garrya elliptica* Dougl.		unn	M–H V 309.
1095. *Garrya fremontii* Torr.		unn	M–H V 309.
1096. *Garrya laurifolia* Benth.	*r*	garryine	Merck.
	b	cuauchichicine	ACSJ 77:4801.
1097. *Garrya racemosa* Ramirez	*b*	garryfoline	ACSJ 77:6633.
1098. *Garrya veatchii* Kellogg	*b*	garryine	We 904.
	b	garryine	CJC 30:608.
1099. *Garrya wrightii* Torr.	*b*	veatchine	CJC 30:608.
1100. *Garrya* sp.		unn	M–H V 309.
1101. *Marlea rotundifolia* Hassk.		garryine	Webb 232.
1102. *Marlea tomentosa* Endl.		unn	We 904.
		unn	We 904.
CRASSULACEAE			
1103. *Sedum acre* L.		isopelletierine	CA 53:8186.
	w	nicotine	CJR 23B:165.
	w	sedamine	CJR 23B:165.
	fl	sedinine	CA 53:645.
	fl	sedinone	CA 53:645.

		sedridine	CA 50:5243.
	fl	unn. (6)	CA 53:645.
1104. *Sedum maximum* Suter		unn	CA 48:11727.
1105. *Sedum sarmentosum* Bunge	*w*	methylisopelletierine	CA 43:6625.
		sedamine	Orekhov 80.
	w	unn	CA 43:6625.
1106. *Sedum sempervivoides* Fisch.		unn	CA 48:11727.
CRUCIFERAE			
1107. *Aethionema elongatum* Boiss.		unn	CA 48:11727.
1108. *Brassica nigra* Koch	*sd*	sinapine	Henry 648.
1109. *Brassica oleracea* L.	*l*	narcotine	CA 26:2799.
1110. *Capsella bursa-pastoris* Medic.		tyramine	Richter III 337.
1111. *Cheiranthus cheirii* L.	*sd*	cheirinine	Merck.
	sd, l, fr, fl	cheiroline	We Sup 46.
1112. *Erysimum arkansanum* Nutt.	*sd*	cheiroline	Henry 650.
1113. *Erysimum aureum* Bieb.	*sd*	cheiroline	Henry 649.
1113A. *Erysimum crassipes* Fisch. & Mey.		unn	CA 53:9574.
1114. *Erysimum feodorovii-kassumovii*		unn	CA 52:1374.
1115. *Erysimum nanum* Boiss.	*sd*	cheiroline	We 416.
1116. *Erysimum perofskianum* Fisch. & Mey.		crysoline	Henry 650.
1117. *Iberis amara* L.		unn	CA 25:2521.
1118. *Lepidium hyssopifolium* Desv.	*l, s, fr, r*	unn	Webb 268.
1119. *Lepidium virginicum* L.	*l, s, fl*	unn	Webb 268.
1120. *Lunaria annua* L.		lunarine	M-H V 316.
1121. *Lunaria biennis* Moench	*sd*	lunariamine	CA 51:6084.
	sd	lunaridine	CA 49:13262.
	sd	lunarine	CA 49:13262.
1122. *Rapistrum rugosum* All.	*l, s*	unn	Webb 268.
1123. *Sinapis alba* L.		sinapine	Klein 721.
CUCURBITACEAE			
1124. *Bryonia* (*Bryonopsis*) *alba* L.	*r*	bryonicine	Webb 232.
1125. *Bryonia* (*Bryonopsis*) *dioica* Jacq.	*r*	bryonicine	Webb 232.
1126. *Bryonia* sp.	*rh*	bryonicine	Klein 750.

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Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
CUCURBITACEAE—Continued			
1127. *Bryonopsis (Bryonia) laciniosa* L.	*fr*	unn	Webb 241.
1128. *Citrullus colocynthis* Schrad.	*fr*	unn	Chopra.
1129. *Cucumis myriocarpus* Naud.		myriocarpine	Klein 750.
	w, fr	unn	Webb 241, 268.
1130. *Ecballium elaterium* A. Rich.	*w*	unn	I-R.
1131. *Luffa operculata* Cogn.	*fr*	luffanine	Merck.
1132. *Melothria cunninghamii* F. Muell.	*l, fr*	unn	Webb 268.
1133. *Momordica charantia* L.		momordicine	Henry 781.
1134. *Momordica foetida* Schum.		unn	Webb 232.
CUNONIACEAE			
1135. *Ackama paniculata* Engl.	*b*	unn	Webb 241.
1136. *Aphanopetalum resinosum* Endl.	*l*	unn	Webb 268.
1137. *Ceratopetalum succirubrum* C. T. White	*b*	unn	Webb 241.
CYPERACEAE			
1138. *Carex brevicollis* DC.	*l, s*	brevicolline	CA 52:3932.
	l, s	unn. (3)	CA 52:9173.
1139. *Carex* sp.		unn	CA 48:11727.
1140. *Cyperus rotundus* L.	*r*	unn	BA 19:7306.
1141. *Cyperus scariosus* R. Br.	*r*	unn	BA 19:7306.
1142. *Kyllinga cylindrica* Nees	*w*	unn	Webb 268.
DICHAPETALACEAE			
1143. *Dichapetalum cymomum* Engl.		trigonelline	Henry 7.
DILLENIACEAE			
1144. *Davilla rugosa* Poir.	*sd, l*	caffeine	Freise.

1145. *Hibbertia linearis* R. Br.	*l, s, r*	unn	Webb 268.
DIOSCOREACEAE			
1146. *Dioscorea dregeana* (Kunth) Th. Dur. & Schinz	*rh*	unn	Wall 363.
1147. *Dioscorea dumetorum* (Kunth) Pax=*D. triphylla* L. var. *dumetorum* (Kunth) R. Knuth.	*rh*	unn	Wall 367.
		unn	Nature 177:935.
1148. *Dioscorea hemicrypta* Burkill	*t*	unn	Wall 363.
1149. *Dioscorea hirsuta* Blume	*rh*	dioscorine	Henry 91.
1150. *Dioscorea hispida* Dennst.=*D. triphylla* L. var. *reticulata* Prain & Burkill.	*t*	dioscorine	Henry 92.
1151. *Dioscorea transversa* R. Br.	*l, s, r*	unn	Webb 241, 268.
1152. *Dioscorea* sp.	*rh*	unn	Wall 13.
1153. *Tamus communis* L.	*rh*	unn	CA 46:3221.
DIPSACACEAE			
1154. *Cephalaria gigantea* (Ledeb.) Bobrov		unn	Henry 780.
1155. *Cephalaria media* Litwinow		unn	CA 48:11727.
1156. *Dipsacus azureus* Schrenk	*r*	gentianine	CA 43:2213.
1157. *Dipsacus strigosus* Willd.	*l, s, fl*	unn	I-R.
1158. *Knautia heterotricha* C. Koch	*s*	unn	I-R.
1159. *Scabiosa succisa* L.		sanguinarine	Sokolov 132.
EBENACEAE			
1160. *Diospyros australis* Hiern	*l*	unn	Webb 241,268.
1161. *Diospyros hebecarpa* A. Cunn.	*l, b*	unn	Webb 268.
1162. *Maba geminata* R. Br.	*l*	unn	Webb 241.
ELAEAGNACEAE			
1163. *Elaeagnus angustifolia* L.		eleagnine	Henry 773.
	b	N-methyltetrahydroharmol	CA 51:8765.
	b	tetrahydroharmol	CA 51:8765.
1164. *Elaeagnus hortensis* Bieb.		eleagnine	Henry 773.
1165. *Elaeagnus latifolia* L.	*l, fr*	unn	Webb 241,268.
1166. *Elaeagnus orientalis* L.		eleagnine	Henry 773.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
ELAEAGNACEAE—Continued			
1167. *Elaeagnus spinosa* L.	*b*	eleagnine	Henry 773.
1168. *Hippophaë rhamnoides* L.		hippopheine	Sokolov 127.
		unn. (2)	CA 41:1390.
ELAEOCARPACEAE			
1169. *Elaeocarpus brevipes* Merrill	*l*	unn	Arthur.
1170. *Elaeocarpus grandis* F. Muell.	*b*	unn	Webb 241.
1171. *Elaeocarpus johnsonii* F. Muell.	*l, b*	unn	Webb 241.
1172. *Sloanea woolsii* F. Muell.	*l*	unn	Webb 268.
EPACRIDACEAE			
1173. *Leucopogon juniperinus* R. Br.	*l, s*	unn	Webb 268.
EQUISETACEAE			
1174. *Equisetum arvense* L.	*w*	3-methoxypyridine	CA 37:576i.
	w	nicotine	M–H V 308.
	w	palustrine	Helv 32:2397.
1175. *Equisetum hyemale* L.	*w*	nicotine	M–H V 308.
	w	palustrine	Helv 32:2397.
1176. *Equisetum palustre* L.	*w*	equisetine	CA 44:9972.
	w	equisetonine	CA 44:9972.
	w	nicotine	CA 48:11439.
	w	palustridine	CA 48:11439.
	w	palustrine	CA 48:11439.
ERICACEAE			
1177. *Agauria salicifolia* Hook. f.	*l, b*	unn	CA 47:3280.
1178. *Calluna vulgaris* Salisb.	*fl*	ericodinine	Klein 733.
1179. *Rhododendron stenophyllum* Makino	*l*	unn	Arthur.
1180. *Vaccinium myrtillus* L.		unn	CA 48:11727.

ERYTHROXYLACEAE

1181. *Erythroxylon areolatum* L.	*l*	unn	Henry 93.
1182. *Erythroxylon australe* F. Muell.	*l, fr, b*	unn	Webb 241.
1183. *Erythroxylon coca* Lam.	*l*	benzoylecgonine	Henry 93.
	l	benzoyltropine	Henry 93.
	l	cinnamylcocaine	Henry 93.
	l	cocaine	Henry 93.
	l	cuscohygrine	Henry 93.
	l	dihydroxytropane	Henry 93.
	l	hygrine	Henry 93.
	l	β-hygrine	Henry 93.
	l	hygroline	Henry 93.
	l	methylcocaine	Henry 93.
	l	methylecgonidine	Henry 93.
	l, s, r	nicotine	CA 53:5304.
	l	tropacocaine	Henry 93.
	l	α- and β-truxilline	Henry 93.
1184. *Erythroxylon ecarinatum* Ruiz & Pav.	*l, b*	unn	Webb 241.
1185. *Erythroxylon lucidum* Moon	*l*	cocaine	We 601.
1186. *Erythroxylon monogynum* Roxb.	*l*	cinnamylcocaine	CA 32:8689.
1187. *Erythroxylon montanum* Wehmer	*l*	unn	Henry 93.
1188. *Erythroxylon ovatum* Cav.	*l*	unn	Henry 93.
1189. *Erythroxylon pulchrum* A. St. Hil.	*l*	unn	Henry 93.
1190. *Erythroxylon retusum* Bauer	*l*	unn	Henry 93.
1191. *Erythroxylon truxillense* Rusby	*l*	benzoylecgonine	Henry 93.
	l	benzoyltropine	Henry 93.
	l	cinnamylcocaine	Henry 93.
	l	cocaine	Henry 93.
	l	cuscohygrine	Henry 93.
	l	dihydroxytropane	Henry 93.
	l	hygrine	Henry 93.
	l	β-hygrine	Henry 93.
	l	hygroline	Henry 93.
	l	methylcocaine	Henry 93.
	l	methylecgonidine	Henry 93.
	l, s, r	nicotine	CA 53:5304.
	l	tropacocaine	Henry 93.
	l	α- and β-truxilline	Henry 93.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
EUPHORBIACEAE			
1192. *Acalypha eremorum* Muell. Arg.	*l, s*	unn	Webb 241.
1193. *Acalypha indica* L.		acalyphine	We 674.
		triacetonamine	CA 32:4629.
1194. *Acalypha nemorum* Muell. Arg.	*l, s, r*	unn	Webb 268.
1195. *Actephila mearsii*? C. T. White	*l, b*	unn	Webb 268.
1196. *Alchornea cordifolia* Muell. Arg.	*s, r*	unn	Ann Pharm Franc 16:15.
1197. *Alchornea floribunda* Muell. Arg.		unn	CA 47:5024.
	s, r	yohimbine	Ann Pharm. Franc 16:15.
1198. *Alchornea hirtella* Benth.	*s, r*	yohimbine(?)	Ann Pharm. Franc 16:15.
1199. *Aleurites moluccana* Willd.	*sd*	unn	Webb 241.
1200. *Baccaurea* sp.	*l, s*	unn	Bisset 125.
1201. *Baloghia lucida* Endl.	*l, b*	unn	Webb 268.
1202. *Claoxylon australe* Baill.	*l, fr*	unn	Webb 241.
1203. *Claoxylon* sp.	*b*	unn	Webb 241.
1203A. *Cnidoscolus (Jatropha) basiacantha* Pax		unn	CA 53:3607.
1204. *Coelebogyne ilicifolia* J. Sm. (*Alchornea ilicifolia* Muell. Arg.).	*l, s*	unn	Webb 268.
1205. *Croton acronychioides* F. Muell.	*l, b*	unn	Webb 241.
1206. *Croton arnhemicus* Muell. Arg.	*b*	unn	Webb 241.
1207. *Croton insularis* Baill.	*l, b*	unn	Webb 241.
1208. *Croton minal*	*l, s, r*	unn	N–O.
1209. *Croton niveus* Jacq.	*b*	unn	We 673.
1210. *Croton phebalioides* Muell. Arg.	*l, s*	unn	Webb 268.
1211. *Croton sparsiflorus* Morong	*sd*	unn	CA 36:5040.
1212. *Croton tiglium* L.	*sd*	ricinine	Webb 232.
1213. *Croton verreauxii* Baill.	*l*	unn	Webb 241.
1214. *Daphniphyllum bancanum* Kurz	*l, sd, b*	daphniphylline	Merck.
1215. *Daphniphyllum macropodium* Miq.	*b*	daphnimacrine	Henry 780.
1216. *Elaeophora abutaefolia* Ducke		unn	Henry 372.

1217. *Elateriospermum tapos* Blume	*l*	unn	D–K.
1218. *Euphorbia eremophila* A. Cunn.	*w*	unn	Webb 268.
1219. *Euphorbia gerardiana* Jacq.		drummine	Sokolov 234.
		unn	CA 34:5878.
1220. *Euphorbia hirta* L. (*E. pilulifera* L.)	*w*	xanthorhamnine	CA 45:7306.
1221. *Euphorbia hypericifolia* L.		unn	We 699.
1222. *Euphorbia orientalis* L.		unn	CA 48:11727.
1223. *Euphorbia peplus* L.	*w*	unn	Webb 241.
1224. *Euphorbia pilulifera* L.	*l*	unn	We 699.
1225. *Euphorbia virgata* Waldst. & Kit.		unn	CA 34:5878.
1226. *Excoecaria bicolor* Hassk.	*l, s*	unn	D–K.
1227. *Excoecaria dallachyana* Benth.	*fr*	unn	Webb 241.
1228. *Excoecaria parvifolia* Muell. Arg.	*l, s*	unn	Webb 268.
1229. *Flueggea leucopyrus (Securinega leucopyrus)* Willd.	*l*	unn	Webb 241.
1230. *Flueggea virosa* Baill.	*b, rb*	flueggeine	CA 49:16345.
	b, rb	unn	CA 49:16345.
1231. *Fontainea picrosperma* C. T. White	*l, b*	unn	Webb 241.
1232. *Garcia nutans* Rohr		cusparine	Sokolov 125.
1233. *Gelonium* spp.	*l, s*	unn	Bisset 125.
1234. *Hemicyclia australasica* Muell. Arg.	*b, l, wd*	unn	Webb 241.
1235. *Hippomane mancinella* L.	*fr*	physostigmine(?)	BA 30:8572.
1236. *Jatropha curcas* L.	*l, s*	unn	D–K.
1237. *Jatropha gossypifolia* L.	*b*	jatrophine	Merck.
1237A. *Jatropha macrantha* Muell. Arg.	*w*	micranthine	CA 53:3607.
1238. *Jatropha (Cnidoscolus) texana* Muell. Arg.	*r*	unn	CA 49:1886.
1239. *Jatropha* sp.	*r*	unn	Wall 15.
1240. *Joannesia heveoides* Ducke	*fr*	unn	We 668.
1241. *Julocroton camporum* Chod. & Hassl.	*r*	yulocrotine	N–O.
1242. *Julocroton montevidensis* Klotzsch	*r*	yulocrotine	Henry 781.
1243. *Julocroton subpannosus* Muell. Arg.	*r*	yulocrotine	N–O.
1244. *Macaranga tanarius* Muell. Arg.	*fr*	unn	Webb 241.
1245. *Macaranga triloba* Muell. Arg.	*l*	unn	Arthur.
1246. *Mallotus paniculatus* Muell. Arg.	*l*	unn	Webb 268.
1247. *Mallotus philippinensis* Muell. Arg.	*l*	unn	Webb 241.
1248. *Mallotus subpeltatus* Muell. Arg.	*l, s*	unn	Bisset 125.
1249. *Melanolepis multiglandulosa* (Reinw.) Reichb. f. & Zoll.	*l, s*	unn	Bisset 125.
1250. *Mercurialis annua* L.		mercurialine	Sokolov 125.
1251. *Mercurialis perennis* L.	*tu*	unn	CA 32:2288.
1252. *Petalostigma quadriloculare* F. Muell.	*rb*	unn	Webb 241.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
EUPHORBIACEAE—Continued			
1253. *Phyllanthus corcovadensis* Muell. Arg.	*r*	unn	BA 5:2106.
1254. *Phyllanthus gasstroemii* Muell. Arg.	*l, s*	unn	Webb 241.
1255. *Phyllanthus thesioides* Benth.	*w*	unn	Webb 241.
1256. *Phyllanthus urinaria* L.		unn	Webb 232.
1257. *Phyllanthus* sp.	*r*	unn	Webb 268.
1258. *Putranjiva roxburghii* Wall.	*fr*	unn	CA 26:612.
1259. *Ricinus communis* L.	*l, sd*	ricinine	Henry 5.
1260. *Ricinus zanzibarensis* Hort.	*l, sd*	ricinine	Klein 765.
1261. *Sapium klotzschianum* Huber		sapinine	CA 48:1490.
1262. *Sarcococca pruniformis* Lindl.	*l*	unn	M–H V 321.
1263. *Securinega suffruticosa* (Pall.) Rehder	*l*	securinine	CA 50:17335.
1264. *Stillingia sylvatica* L.		apocinine	Sokolov 125.
		echiine	Sokolov 125.
		stillingine	Sokolov 125.
FAGACEAE			
1264A. *Fagus grandifolia* Ehrh.	*l, s*	unn	Wall 55.
FLACOURTIACEAE			
1265. *Casearia dallachii* F. Muell.	*l, b*	unn	Webb 268.
1266. *Casearia multinervosa* Sleumer & White	*l, s*	unn	Webb 268.
1267. *Casearia sylvestris* Sw.	*l*	unn	CA 44:10813.
1268. *Homalium alnifolium* F. Muell. (*H. vitiense* Benth.)	*b*	unn	Webb 268.
1269. *Ryania acuminata* Spruce		unn	Henry 782.
1270. *Ryania pyrifera* (L. C. Rich.) Witt. & Sleum.		unn	Henry 782.
1271. *Ryania sagotiana* Eichl.		unn	Henry 782.
1272. *Ryania speciosa* Vahl	*s, r*	ryanodine	CA 43:812.
1273. *Ryania subuliflora*=*R. speciosa* var. *subuliflora* (Sandw.) Monach.		unn	Henry 782.
1274. *Ryania tomentosa* Miq.		unn	Henry 782.

FLAGELLARIACEAE			
1275. *Flagellaria indica* L.	*l, s*	unn	Webb 268.
GENTIANACEAE			
1276. *Centaurium umbellatum* Gilib.		gentianine	PAH 26:259.
1277. *Centaurium* sp.		unn	CA 48:11727.
1278. *Enicostema littorale* Blume	*w*	gentianine	CA 51:9641.
1279. *Erythraea centaurium* Pers.		erythricine	Henry 774.
		gentianine	Orekhov 115.
1280. *Gentiana asclepiadea* L.	*r*	gentianine	CA 46:689.
	r	unn	CA 46:689.
1281. *Gentiana axilliflora* Léveille & Vaniot	*r*	gentianine	CA 51:6089.
1282. *Gentiana kirilowii*		gentianine	M-H V 310.
1283. *Gentiana lutea* L.	*r*	gentianine	CA 46:689.
	r	unn	CA 46:689.
1283A. *Gentiana macrophylla* Pall.	*r*	alkaloids B, C	CA 53:8310.
	r	gentianine	CA 53:8310.
1284. *Gentiana olivieri* Griseb.		gentianine	Orekhov 115.
1285. *Gentiana pneumonanthe* L.	*r*	gentianine	CA 49:2677.
1286. *Gentiana purpurea* L.	*r*	gentianine	CA 46:689.
	r	unn	CA 46:689.
1287. *Gentiana scabra* Bunge	*r*	gentianine	CA 51:6089.
1288. *Limnanthemum humboldtianum* Griseb.		linantenine	CA 46:3219.
1289. *Menyanthes trifoliata* L.	*r, l*	gentianine	CA 46:689.
	r, l	unn	CA 46:689.
1290. *Swertia japonica* Makino	*w*	gentianine	CA 51:6089.
1291. *Swertia lactea* Bunge	*w*	unn	CA 35:4154.
1292. *Swertia marginata* Schrenk	*w*	unn	CA 35:4154.
GERANIACEAE			
1293. *Biebersteinia multifida* DC.		unn	CA 48:11727.
1294. *Erodium cicutarium* L'Herit.	*w*	caffeine	BA 26:32290.
	w	tyramine	CA 51:18483.
1295. *Erodium cygnorum* Nees	*l, s, fl*	unn	Webb 268.
1296. *Geranium molle* L.		unn	BA 26:22504.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
GESNERIACEAE			
1297. *Ramondia pyrenaica* Rich.	*l*	unn	Henry 782.
GNETACEAE			
1298. *Ephedra alata* Decne.		ephedrine	M–H III 341.
		ψ-ephedrine	M–H III 341.
1299. *Ephedra alenda* (Stapf) Andreanszky		ψ-ephedrine	Henry 635.
1300. *Ephedra altissima* Desf.		ephedrine	M–H III 341.
	w	ψ-ephedrine	CA 34:1127.
1301. *Ephedra americana* Humb. & Bonpl.		ephedrine	M–H III 341.
1302. *Ephedra antisyphilitica* Berland		unn	We Sup 80.
1303. *Ephedra californica* S. Wats.		ephedrine	Orekhov 672.
		ψ-ephedrine	Orekhov 672.
1304. *Ephedra ciliata* Fisch. & Mey.		unn	CA 35:4154.
1305. *Ephedra distachya* L.	*s*	ephedrine	CA 49:10442.
1306. *Ephedra equisetina* Bunge	*l, s*	ephedrine	Merck.
		ψ-ephedrine	Orekhov 672.
1307. *Ephedra fragilis* Desf.	*w*	ψ-ephedrine	CA 34:1127.
1308. *Ephedra gerardiana* Wall.	*l, s*	ephedrine	BA 21:1849.
1309. *Ephedra gracilis* R. Phil.		ephedrine	CA 47:2937.
		ψ-ephedrine	CA 47:2937.
1310. *Ephedra helvetica* C. A. Mey.	*w*	ephedrine	Henry 634.
		ψ-ephedrine	Henry 635.
1311. *Ephedra intermedia* Schrenk & C. A. Mey.		ephedrine	M–H III 341.
		ψ-ephedrine	Orekhov 672.
1312. *Ephedra monosperma* S. G. Gmel.		ephedrine	Orekhov 672.
		ψ-ephedrine	Orekhov 672.
1313. *Ephedra monostachya* L.		ephedrine	Orekhov 672.
		ψ-ephedrine	Orekhov 672.
	w	monephedrine	Merck.
1314. *Ephedra nebrodensis* Tineo		ephedrine	M–H III 341.
		ψ-ephedrine	M–H III 341.

1315. *Ephedra pachyclada* Boiss.		unn	M–H III 341.
1316. *Ephedra procera* C. A. Mey.	*w*	ψ-ephedrine	CA 34:1127.
1317. *Ephedra sinica* Stapf		ephedrine	Henry 563.
		ψ-ephedrine	Henry 563.
		N-methyl-ψ-ephedrine	Henry 566.
		N-methylephedrine	Henry 565.
1318. *Ephedra strobilacea* Bunge	*w*	unn	CA 35:4154.
1319. *Ephedra triandra* Tul.		ephedrine	BA 27:33004
		unn	BA 24:30938
1320. *Ephedra trifurca* Torr.		ephedrine	Orekhov 672.
		ψ-ephedrine	Orekhov 672.
1321. *Ephedra tweediana* C. A. Mey.		ephedrine	BA 27:33004.
1322. *Ephedra viridis* Coville		ephedrine	Orekhov 672.
		ψ-ephedrine	Orekhov 672.
1323. *Ephedra vulgaris* L. C. Rich.		ephedrine	We Sup 80.
		ψ-ephedrine	CA 45:7206.
		N-methylephedrine	We Sup 80.
		norephedrine	We Sup 80.
1323A. *Gnetum* sp.		unn	Webb PS.
GOODENIACEAE			
1324. *Dampiera stricta* R. Br.	*w*	unn	Webb 241.
1325. *Goodenia bellidifolia* Sm.	*w*	unn	Webb 241.
1326. *Goodenia grandiflora* Sims	*l*	unn	Webb 268.
1327. *Goodenia* aff. *hederacea* Sm.	*r*	unn	Webb 241.
1328. *Goodenia rotundifolia* R. Br.	*w*	unn	Webb 241.
1329. *Goodenia* sp.	*w*	unn	Webb 268.
1330. *Scaevola aemula* R. Br.	*l, s*	unn	Webb 241.
1331. *Scaevola frutescens* (Mill.) Krause (*S. koenigii* Vahl).	*l, b*	unn	Webb 241.
GRAMINEAE			
1332. *Alopecurus textilis* Boiss.		unn	CA 48:11727.
1333. *Alopecurus ventricosus* Pers.		unn	CA 48:11727.
1334. *Andropogon sorghum* Brot. = *Sorghum vulgare* Pers.	*l*	hordenine	CA 14:3096.
1334A. *Aristida oligantha* Michx.	*l, r*	unn	Wall 55.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
GRAMINEAE—Continued			
1335. *Arundo donax* L.	*l*	donaxarine	LCSJ 1937:1927.
	l	gramine	Henry 484.
	l, s	unn	Wall 55.
1336. *Avena sativa* L.	*sd*	ergothioneine	JBC 218:647.
	l	hordenine	CA 14:3096.
	sd	trigonelline	LCSJ 88 II:52.
1337. *Chloris virgata* Sw.	*w*	unn	Webb 268.
1338. *Echinochloa crus-galli* (L.) Beauv. (*Panicum crus-galli* L.).	*w*	unn	Webb 268.
1339. *Eleusine indica* (L.) Gaertn.	*w*	unn	Webb 268.
1340. *Festuca elatior* L.	*l*	perloline	M–H V 316.
1341. *Hordeum murinum* L.	*r*	hordenine	BA 14:16731.
1342. *Hordeum sativum* Pers. = *H. vulgare* L.	*l*	hordenine	CA 14:3096.
	r	N-methyltyramine	CA 44:9521.
1343. *Hordeum vulgare* L.	*l*	gramine	Henry 484.
	r	hordenine	Henry 633.
	r	N-methyltyramine	CA 49:1880.
1344. *Imperata cylindrica* (L.) Beauv.	*l*	unn	Arthur.
1345. *Lolium cuneatum* Nevski	*sd*	loline	CA 50:7117.
	sd	lolinidine	CA 50:7117.
1346. *Lolium multiflorum* Lam.	*r*	annuloline	JOC 23:919.
	l	perloline	M–H V 316.
1347. *Lolium perenne* L.	*l*	perlolidine	Henry 749.
	l	perloline	Henry 749.
	l	α-picoline	Nature 182:1734.
1348. *Lolium persicum* Boiss. & Hohen.		unn	CA 48:11727.
1349. *Lolium temulentum* L.	*l*	loliine	Webb 232.
	l	perloline	M–H V 316.
	l	temulentine	Webb 232.
	l	temuline	Webb 232.
1350. *Lolium* sp.	*l*	unn	CA 36:608.

1351. *Oryza sativa* L.	*l*	hordenine	CA 14:3096.
	sd	stachydrine	Klein 760.
	sd	trigonelline	Klein 760.
1352. *Panicum frumentaceum* Roxb.=*Echinochloa crus-galli* var. *frumentacea* (Roxb.) W. F. Wight.	*l*	hordenine	CA 14:3096.
1353. *Panicum italicum* L.=*Setaria italica* (L.) Beauv.	*l*	unn	We 74.
1354. *Panicum miliaceum* L.	*sl*	hordenine	PlantP. 33:334.
1355. *Phalaris arundinacea* L.	*l*	hordenine	LCSJ 1958:2079.
	l	5-methoxy-N-methyltryptamine	LCSJ 1958:2079.
	l	unn	LCSJ 1958:2079.
1357. *Setaria lutescens* Hubbard	*l*	perloline	M–H V 316.
1358. *Sorghum vulgare* Pers.	*l*	hordenine	M–H III 320.
1359. *Trichachne vestita* (Kunth) Kuhlm.	*w*	tricachnine	CA 46:9264.
1360. *Zea mays* L.	*l*	hordenine	CA 14:3096.
		unn	CA 42:2728.
	sd	unn	KAS 16:14.
GUTTIFERAE			
1361. *Garcinia* sp.	*sd*	unn	Bisset 125.
1362. *Haronga paniculata* Lodd.	*l, fr*	unn	Webb 268.
1363. *Hypericum perforatum* L.		unn	CA 34:5878.
1364. *Hypericum* sp.		unn	CA 48:11727.
1365. *Vismia robusta*		unn	We 785.
HAEMODORACEAE			
1366. *Haemodorum planifolium* R. Br.	*w*	unn	Webb 241.
HALORAGACEAE			
1367. *Haloragis tetragyna* Hook. f.	*r*	unn	Webb 241.
HELOTIACEAE			
1368. *Sclerotinia libertiana* Sckl. (*S. sclerotiorum* (Lib.) Massee).	*my*	unn	CA 45:2099.
HELVELLACEAE			
1369. *Helvella esculenta* Fr.	*sp*	unn	CA 28:1468.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
HERNANDIACEAE			
1370. *Gyrocarpus americanus* Jacq.	*b*	magnocurarine	CA 48:2731.
	l, b	phaeanthine	CA 48:2731.
	b	unn	Webb 268.
1371. *Gyrocarpus asiaticus* Willd.	*b*	unn	Ber 23:3537.
1372. *Hernandia bivalvis* Benth.	*l, w, b*	unn	Webb 241.
1373. *Hernandia ovigera* L.		chondodendrine	Sokolov 120.
1374. *Hernandia peltata* Meissn.	*l, b, fr*	unn	Webb 241.
1375. *Hernandia sonora* L.		unn	Klein 710.
1376. *Illigera pulchra* Blume		laurotetanine	Sokolov 120.
1377. *Valvanthera albiflora* C. T. White	*l*	unn	Webb 268.
HIMANTANDRACEAE			
1378. *Galbulimima baccata* F. M. Bailey	*l, b*	unn	Webb 241, 268.
1379. *Galbulimima* sp.		unn	Webb PS.
1380. *Himantandra baccata*	*b*	himandridine	CA 50:15561.
	b	himandrine	CA 50:15561.
	b	himbacine	CA 50:15561.
	b	himbadine	CA 50:15561.
	b	himbosine	CA 50:15561.
	b	himgravine	CA 50:15561.
1381. *Himantandra belgraveana* cf. *Eupomatia belgraveana* F. Muell.	*b*	himandravine	CA 50:15561.
	b	himandreline	CA 50:15561.
	b	himandrine	CA 50:15561.
	b	himbacine	CA 50:15561.
	b	himbeline	CA 50:15561.
	b	himgrine	CA 50:15561.
HIPPOCRATEACEAE			
1382. *Hippocratea indica* Willd.	*l*	unn	We 724.
1383. *Salacia brachypoda* Peyr.	*sd*	unn	CA 30:6040.
1384. *Salacia brunoniana* Wight & Arn.		unn	We 725.

1385. *Salacia buddinghii* Scheff.		unn	We 725.
1386. *Salacia macrophylla* Blume		unn	We 725.
HYPOCREACEAE			
1387. *Claviceps littoralis* Kawatami	scl	ergoheptine	Pharmazie 11:110.
	scl	ergohexine	Pharmazie 11:110.
	scl	irgokryptine	Pharmazie 11:110.
	scl	ergosine	Pharmazie 11:110.
1388. *Claviceps paspali* F. L. Stevens & Hall	scl	unn	Webb 232.
1389. *Claviceps purpurea* (Fr.) Tul.	scl	agroclavine	CA 46:3218.
	scl	alkaloid Me 87	Pharmazie 11:110.
	scl	alkaloid X	CA 49:6974.
	scl	chanoclavine	CA 52:3830.
	scl	costaclavine	CA 51:11365.
	scl	dihydroagroclavine	CA 49:6974.
	scl	elymoclavine	CA 50:16799.
	scl	ergocornine	Henry 520.
	scl	ergocorninine	Henry 520.
	scl	ergocrostine	Henry 520.
	scl	ergocristinine	Henry 520.
	scl	ergokryptine	Henry 520.
	scl	ergokryptinine	Henry 520.
	scl	ergometrine	Henry 520.
	scl	ergometrinine	Henry 520.
	scl	ergosine	Henry 520.
	scl	ergosinine	Henry 520.
	scl	ergotamine	Henry 520.
	scl	ergotaminine	Henry 520.
	scl	ergothioneine	M–H III 202.
	scl	ergotinine	Henry 520.
	scl	ψ-ergotinine	Henry 520.
	scl	ergotoxine	Henry 520.
	scl	issopenniclavine	CA 52:3830.
	scl	isosetoclavine	CA 52:3830.
	scl	molliclavine	CA 50:16799.
	scl	penniclavine	CA 50:16799.
	scl	pilocarpine	Orekhov 641.
	scl	pilosine	Orekhov 641.
	scl	pyroclavine	CA 51:11365.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
HYPOCREACEAE—Continued			
1389. *Claviceps purpurea* (Fr.) Tul.—Continued	*scl*	setoclavine	CA 52:3830.
	scl	sporine	Orekhov 627.
	scl	triseclavine	CA 50:16799.
			CA 52:15838.
	scl	tyramine	M–H III 318.
	scl	unn	CA 52:3261.
	scl	unn	Naturw 46:7.
ICACINACEAE			
1390. *Apodytes brachystylis* F. Muell.	*l, b*	unn	Webb 268.
1391. *Gonocaryum pyriforme* Scheff.	*l, s, sd*	unn	Bisset 125.
1392. *Villaresia congonha* Miers	*l*	caffeine	Freise.
1393. *Villaresia mucronata* Ruiz & Pavon	*l*	caffeine	Freise.
IRIDACEAE			
1394. *Crocus sativus* L.	*t*	colchicine	CA 47:12537.
	t	desmethylcolchicine	CA 47:12537.
		N-formyldesacetylcolchicine	CA 47:12537.
1395. *Gladiolus kotschyanus* Boiss.		unn	CA 48:11727.
1396. *Homeria pallida* Baker	*w*	unn	CA 18:2909.
1397. *Iris caucasica* Hoffm.		unn	CA 48:11727.
1398. *Iris elegantissima* Sosn.		unn	CA 48:11727.
1399. *Iris iberica* Stev.		unn	CA 48:11727.
1400. *Sisyrinchium micranthum* Cav.	*w*	unn	Webb 241.
KRAMERIACEAE			
1401. *Krameria triandra* Ruiz & Pavon		ratanine	Sokolov 122.

	LABIATAE			
1402.	*Ajuga chia* Schreb	*w*	unn	Henry 779.
1403.	*Anisomeles malabarica* R. Br		unn	Henry 779.
1404.	*Dysophylla auriculata* Blume	*l*	unn	Arthur.
1405.	*Galeopsis grandiflora* Roth	*l*	stachydrine	M–H I 102.
1406.	*Hyptis brevipes* Poit	*l*	unn	Arthur.
1407.	*Lagochilus hirtus* Fisch. & Mey		stachydrine	Farmakologia i Toksikologiya (Moscow) 20:44.
1408.	*Lagochilus inebrians* Bunge		lagochiline	Sokolov 130.
1409.	*Lallemantia iberica* Fisch. & Mey		unn	CA 48:11727.
1410.	*Lallemantia peltata* Fisch. & Mey		unn	CA 48:11727.
1411.	*Leonurus cardiaca* L		stachydrine	BA 26:22505.
		l, s, fl	unn	Wall 55.
1412.	*Leonurus* (*Panzeria lanatus* Bunge) *lanatus* Pers		unn	CA 43:5548.
1413.	*Leonurus sibiricus* L	*w*	leonurine	Henry 781.
			leonurinine	Sokolov 130.
1414.	*Leonurus tataricus* L		unn	CA 43:5548.
1415.	*Leucas aspera* Link	*l*	unn	CA 42:6493.
1416.	*Marrubium parviflorum* Fisch. & Mey	*l, s, sd*	unn	I–R.
1416A.	*Marrubium vulgare* L		unn	CA 53:3597.
		l, s, fl, r	unn	Wall 60.
1417.	*Marrubium* sp		unn	CA 48:11727.
1418.	*Mentha satureioides* R. Br	*w*	unn	Webb 41.
1419.	*Micromeria eugenioides* Hieron		unn	N–O.
1420.	*Moschosma polystachyum* Benth	*l, s, fl*	unn	Webb 268.
1421.	*Ocimum sanctum* L	*w*	unn	Webb 241.
1422.	*Orthosiphon pallidus* Benth	*w*	unn	APAJ 45:595.
1423.	*Orthosiphon stamineus* Benth	*l*	unn	Henry 781.
1424.	*Prostanthera euphrasioides* Benth	*l, s*	unn	Webb 241.
1425.	*Prostanthera leichhardtii* Benth	*l*	unn	Webb 241.
1426.	*Prostanthera nivea* A. Cunn	*w*	unn	Webb 241.
1427.	*Salvia plebeia* R. Br	*l, s*	unn	Webb 268.
1428.	*Salvia* sp		unn	CA 48:11727.
1429.	*Stachys alopecuros* Benth		stachydrine	We Sup 195.
1430.	*Stachys alpina* L		stachydrine	We Sup 195.
1431.	*Stachys annua* L		stachydrine	We Sup 195.
1432.	*Stachys balansae* Boiss. & Kotschy		unn	CA 53:647.
1433.	*Stachys coccinea* Jacq		stachydrine	We Sup 195.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LABIATAE—Continued			
1434. *Stachys germanica* L.		stachydrine	We Sup 195.
1435. *Stachys jacquinii* Fritsch		stachydrine	We Sup 195.
1436. *Stachys lanata* Jacq.		stachydrine	CA 53:647.
	w	unn	CA 51:3924.
1437. *Stachys* (*Betonica*) *officinalis* Franch.		betonicine	M–H I 103.
		stachydrine	M–H I 101.
		turicine	M–H I 103.
1438. *Stachys palustris* L.		stachydrine	We Sup 195.
1439. *Stachys recta* L.		stachydrine	We Sup 195.
		unn	CA 34:5878.
1440. *Stachys sericea* Cav.		stachydrine	We Sup 195.
1441. *Stachys sieboldii* Miq.	*l, t*	stachydrine	We Sup 195.
1442. *Stachys sylvatica* L.		betonicine	M–H I 103.
		stachydrine	We Sup 195.
		trigonelline	Sokolov 130.
		turicine	M–H I 103.
1443. *Stachys tuberifera* Naudin	*r*	stachydrine	M–H I 101.
1444. *Stachys* spp.		trigonelline	Henry 7.
1445. *Teucrium argutum* R. Br.	*l, s, fl*	unn	Webb 268.
1446. *Teucrium integrifolium* Benth.	*l, s, r*	unn	Webb 268.
1447. *Teucrium marum* L.		unn	CA 47:822.
1448. *Teucrium polium* L.	*w*	unn	I–R.
1448A. *Trichostema dichotoma* L.	*l, s, r*	unn	Wall 60.
1449. *Ziziphora media* Link		unn	CA 48:11727.
LAURACEAE			
1450. *Actinodaphne hookeri* Meissn.	*b*	actinodaphnine	Henry 322.
1451. *Actinodaphne procera* Nees		laurotetanine	M–H IV 125.
1452. *Actinodaphne* sp.		unn	Webb PS.
1453. *Aniba duckei* Kosterm.	*wd*	anibine	ACSJ 79:4507.
1454. *Aniba rosaeodora* Ducke	*wd*	anibine	ACSJ 79:4507.

1455.	*Beilschmiedia bancroftii* J. F. Bailey & C. T. White.	*l, b, fr*	unn	Webb 241,268.
1456.	*Beilschmiedia obtusifolia*(?) Benth.	*b*	unn	Webb 241.
1457.	*Cassytha filiformis* L.		laurotetanine	Webb 232.
1458.	*Cassytha pomiformis* Nees		unn	RSWAJ 41:1 (1958).
1459.	*Cassytha* spp.	*s*	unn	Webb 241,PS.
1460.	*Cinnamomum laubatii* F. Muell.	*b*	unn	Webb 241.
1461.	*Cinnamomum oliveri* F. M. Bailey	*l, b*	unn	Webb 241,268.
1462.	*Cryptocarya angulata* C. T. White	*b*	3,4-dimethoxy-1-(dimethylaminoethyl)-phenanthrene.	CA 49:3212.
		b	isocorydine	CA 49:3212.
		b	N-methylisocorydine	CA 49:3212.
		b	roemerine	CA 49:3212.
		l, b	unn	Webb 268.
1463.	*Cryptocarya australis* Benth.	*b*	cryptocarpine	Merck.
		l, b	unn	Webb 241.
1464.	*Cryptocarya bowiei* Druce	*b*	cryptaustoline	CA 47:12399.
		b	cryptowoline	CA 47:12399.
		b	unn. (2)	CA 47:6954.
1465.	*Cryptocarya cinnamomifolia* Benth.	*fr, b*	unn	Webb 241,268.
1466.	*Cryptocarya erythroxylon* Maiden & Betche	*l, b, fr*	unn	Webb 241,268.
1467.	*Cryptocarya foveolata* C. T. White	*l, b*	unn	Webb 268.
1468.	*Cryptocarya glaucescens* R. Br.	*l, b*	unn	Webb 241.
1469.	*Cryptocarya hypospodia* F. Muell. (*C. obovata* var. *tropica*).	*b*	unn	Webb 268.
1470.	*Cryptocarya* sp. nov. aff. *hypospodia*	*b*	unn	Webb 268.
1471.	*Cryptocarya mackinnoniana* F. Muell.	*b*	unn	Webb 268.
1472.	*Cryptocarya meissneri* F. Muell.	*l, b*	unn	Webb 268.
1473.	*Cryptocarya obovata* R. Br.	*l, b*	unn	Webb 268.
1474.	*Cryptocarya pleurosperma* C. T. White	*b*	cryptopleurine	CA 42:7490.
		l	pleurospermine	AJC 12:90.
		l, b	unn	Webb 241.
1475.	*Cryptocarya preliosa* Mart.	*b*	unn	We 351.
1476.	*Cryptocarya tomentosa* Blume		laurotetanine	We Sup 63.
1477.	*Cryptocarya triplinervis* R. Br.	*b*	3,4-dimethoxy-1-(dimethylaminoethyl)-phenanthrene.	CA 49:3212.
		b	roemerine	CA 49:3212.
1479.	*Dehaasia firma* Blume		unn	Klein 710.
1480.	*Dehaasia squarrosa* Hassk.	*l, b*	unn	We 351.
1481.	*Endiandra glauca* R. Br.	*l*	unn	Webb 241.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LAURACEAE—Continued			
1482. *Endiandra palmerstonii* C. T. White	*b, sd*	unn	Webb 241.
1483. *Endiandra pubens* Meissn.	*l, fr*	unn	Webb 268.
1484. *Endiandra sieberi* Nees	*b*	unn	Webb 241.
1485. *Endiandra tooram*(?) F. M. Bailey	*l*	unn	Webb 268.
1486. *Endiandra virens* F. Muell.	*l, b*	unn	Webb 241.
1488. *Laurelia novae-zelandiae* A. Cunn.	*b*	laureline	Merck.
	b	laurepukine	Merck.
	b	pukateine	Klein 709.
1489. *Litsea amara* Blume		laurotetanine	We Sup 120.
1490. *Litsea chrysocoma* Blume	*b*	laurotetanine	Henry 320.
1491. *Litsea (Tetranthera) citrata* Blume	*b*	laurotetanine	Klein 709.
		N-methyllaurotetanine	Henry 321.
1492. *Litsea cubeba* Pers.	*b*	laurotetanine	We Sup 120.
	b	N-methyllaurotetanine	We Sup 120.
1493. *Litsea dealbata* Nees	*b*	unn	Webb 241.
1494. *Litsea ferruginea* Blume	*b*	unn	Webb 241.
1495. *Litsea glutinosa* (Lour.) C. B. Rob. (*L. chinensis* Lam.).	*l, b*	unn	Webb 268.
1496. *Litsea intermedia* Boerl.		laurotetanine	We Sup 120.
1497. *Litsea javanica* Blume		laurotetanine	We Sup 120.
1498. *Litsea lancifolia* Villar		laurotetanine	We Sup 120.
1499. *Litsea latifolia* Blume		laurotetanine	Klein 709.
1500. *Litsea leefeana* (*L. ferruginea* Blume)	*b*	unn	Webb 268.
1501. *Litsea lucida* Blume		laurotetanine	We Sup 120.
1502. *Litsea reticulata* Benth. & Hook. f.	*b*	unn	Webb 241.
1503. *Nectandra coto* Rusby	*b*	parostemenine	Klein 709.
1504. *Nectandra rodioei* Hook.	*b*	bebeerine	Henry 363.
		berberine	CA 49:1744.
		isochondodendrine	Orekhov 536.
	b	sepeerine	Henry 363.
1505. *Neolitsea sericea* Koidz.	*b*	boldine	CA 51:15893.
	l	roemerine	CA 52:17312.

1506. *Neolitsea zeylanica* (*Litsea zeylanica* C. & T. Nees) Merrill,	*l, b, fr*	unn	Webb 268.
1507. *Nothaphoebe umbelliflora* Blume	*b*	laurotetanine	Klein 780.
1508. *Nothaphoebe* sp.		actinodaphnine	Helv 17:919.
1509. *Ocotea puberula* Nees	*b*	ocoteine	CA 45:7129.
1510. *Ocotea rodiei* Mez	*b*	bebeerine (?)	ACSJ 78:245.
	b	ocotine	CI 1955:1772.
	b	rodiasine	ACSJ 78:245.
	b	sepeerine	CI 1955:1772.
	b	unn	CI 1955:1772.
1511. *Ocotea* sp.		unn	BA 23:1939.
1512. *Persea gratissima* Gaertn. f.	*l*	unn	Henry 781.
1513. *Pseudocryptocarya* sp.		unn	Webb PS.
1514. *Tetranthera intermedia* Blume	*b*	laurotetanine	Klein 779.
LEGUMINOSAE			
1515. *Abrus precatorius* L.	*sd*	abrine	Henry 484.
1516. *Acacia accola* J. H. Maiden & Betche	*l, s*	N-methyl-β-phenethylamine	White XXVI.
	l, s	phenethylamine	White XXVI.
1517. *Acacia acinacea* Lindl.	*l, s*	phenethylamine	White XXII.
1518. *Acacia acuminata* Benth.	*l, s*	phenethylamine	White XXVI.
	l, s	tryptamine	White XXVI.
1519. *Acacia arabica* Willd.	*fr*	unn	Webb 241.
1520. *Acacia aulacocarpa* A. Cunn.	*l*	unn	Webb 241.
1521. *Acacia auriculiformis* A. Cunn.	*l, fr*	unn	D–K.
1522. *Acacia baileyana* F. Muell.	*l, s, fl, sd*	phenethylamine	White IX.
1523. *Acacia berlandieri* Benth.	*l*	N-methyl-β-phenethylamine	APAJ 45:719.
1524. *Acacia buxifolia* A. Cunn.	*l, s, fr*	phenethylamine	White XXII.
1525. *Acacia cardiophylla* A. Cunn.	*l, s*	phenethylamine	White XXVI.
	l, s	tryptamine	White XXVI.
	l, s	unn	White XXVI.
1526. *Acacia concinna* (Willd.) DC.	*b*	unn	We 492.
1527. *Acacia conferta* A. Cunn.	*l*	unn	Webb 241.
1528. *Acacia confusa* Merrill	*l, fl*	unn	Wall 4.
1529. *Acacia cultriformis* A. Cunn.	*l, s, sd*	phenethylamine	White IX.
	l, s	tryptamine	White XXII.
1530. *Acacia cunninghamii* Hook.	*l, b*	unn	Webb 241.
1531. *Acacia cyanophylla* Lindl.	*l, s*	unn	White XXII.
1532. *Acacia dealbata* Link	*l*	unn	Webb 241.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1533. *Acacia decora* Reichb.	*l*	unn	Webb 241.
1534. *Acacia decurrens* Willd.	*l, s, sd*	phenethylamine	White IX.
1535. *Acacia discolor* Willd.	*l, s, fl*	unn	White XXII.
1536. *Acacia drummondii* Benth.	*l, s*	phenethylamine(?)	White IX.
1537. *Acacia elata* A. Cunn.	*l, s, sd*	phenethylamine(?)	White IX.
1538. *Acacia excelsa* ? Benth.	*l*	unn	Webb 241.
1539. *Acacia falcata* Willd.	*l, s*	phenethylamine(?)	White IX.
1540. *Acacia farnesiana* (L.) Willd.		unn	Klein 724.
	l, s	unn	Wall 55.
1541. *Acacia fimbriata* A. Cunn.	*l, b*	unn	Webb 241.
1542. *Acacia flexifolia* A. Cunn.	*l, s*	unn	White XXVI.
1543. *Acacia floribunda* Willd.	*l, s, fl*	phenethylamine	White XIII.
	l, s, fl	tryptamine	White XIII.
	b	unn	White XXII.
1544. *Acacia harpophylla* F. Muell.	*l, b*	unn	Webb 241.
1545. *Acacia havilandii* Maiden	*l, s*	unn	White XXVI.
1546. *Acacia implexa* Benth.	*l, fr*	unn	Webb 241.
1547. *Acacia ixiophylla* Benth.	*l*	unn	Webb 241.
1548. *Acacia juniperina* Willd.	*l, s*	unn	Webb 241.
1549. *Acacia kettlewelliae* Maiden	*l, s*	phenethylamine	White XXVI.
1550. *Acacia leprosa* Sieber	*l, s, fl*	phenethylamine(?)	White IX.
1551. *Acacia linearis* Sims	*l, s, sd*	phenethylamine(?)	White IX.
1552. *Acacia linifolia* Willd.	*l, s*	unn	White XXVI.
1553. *Acacia longifolia* Willd.	*l, s, fl*	phenethylamine	White IX.
	l, s	tryptamine	Henry 771.
1554. *Acacia lunata* Sieber	*l, s, fl*	phenethylamine	White IX.
1555. *Acacia maidenii* F. Muell.	*l, b*	unn	Webb 241.
1556. *Acacia melanoxylon* R. Br.	*l, s*	phenethylamine(?)	White IX.
	b, sd	unn	White XXII.
1557. *Acacia neriifolia* A. Cunn.	*l*	unn	Webb 241.
1558. *Acacia pendula* A. Cunn.	*l, b*	unn	Webb 241.
1559. *Acacia penninervis* Sieber	*l, b*	unn	Webb 241.

1560. *Acacia podalyriaefolia* A. Cunn.	*l, s*	phenethylamine	White IX.
	l, s	tryptamine	White XXII.
	b	unn	White XXII.
1561. *Acacia praetervisa* Domin	*l, s*	N-methyl-β-phenethylamine	White XXVI.
	l, s, sd	phenethylamine	White XXII.
1562. *Acacia pravissima* F. Muell.	*l, s*	phenethylamine	White IX.
1563. *Acacia prominens* A. Cunn.	*l, s, fl*	N-methyl-β-phenethylamine	CA 49:9535.
	l, s	phenethylamine	White IX
1564. *Acacia pruinosa* A. Cunn.	*l, s*	phenethylamine	White XIII.
	l, s	tryptamine	Henry 771.
1565. *Acacia pycnantha* Benth.	*l, s, fl*	phenethylamine	White IX.
1566. *Acacia retinodes* Schlecht.	*l, s, sd*	phenethylamine	White IX.
1567. *Acacia rupicola* F. Muell.	*l, s*	unn	White XXVI.
1568. *Acacia salicina* Lindl.	*l*	unn	Webb 241.
1569. *Acacia saligna* Wendl.	*l, s*	phenethylamine (?)	White IX.
1570. *Acacia shirleyi* (?) Maiden	*l*	unn	Webb 241.
1571. *Acacia spectabilis* A. Cunn.	*l, s*	phenethylamine	CA 52:7339.
	l, b	unn	Webb 241.
1572. *Acacia stricta* Willd.	*l, s, sd*	phenethylamine	White IX.
1573. *Acacia suaveolens* Willd.	*l, s, fr*	phenethylamine	White IX.
1574. *Acacia sutherlandii* F. Muell.	*l, s*	unn	Webb 268.
1575. *Acacia tenerrima* Miq.	*b*	unn	We 492.
1576. *Acacia triptera* Benth.	*l, s*	unn	Webb 241.
1577. *Acacia undulaefolia* A. Cunn.	*l*	unn	Webb 241.
1578. *Acacia verniciflua* A. Cunn.	*l, s*	unn	White XXII.
1579. *Acacia verticillata* Willd.	*l, s, fl*	phenethylamine (?)	White IX.
1580. *Acacia vestita* Ker-Gawl.	*l, s*	tryptamine	White XXVI.
	l, s	phenethylamine (?)	White IX.
1581. *Acacia villosa* sens. lat.	*l, b*	unn	Webb 241.
1582. *Acacia viscidula* A. Cunn.	*l, s*	unn	Webb 241.
1583. *Acacia* sp.	*l*	trigonelline	CA 46:6332.
1584. *Adenanthera pavonina* L.	*l*	unn	Henry 779.
	sd	unn	Webb 268.
1585. *Adenocarpus anagyrus* Spreng. (*A. viscosus*)		teidine	M-H V 302.
1586. *Adenocarpus argyrophyllus*	*l*	decorticasine	CA 49:4681.
	l	sparteine	CA 49:4681.
1587. *Adenocarpus commutatus* Guss.		adenocarpine	CA 46:6795.
		orensine	CA 46:6795.
		santiaguine	CA 46:6795.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1588. *Adenocarpus complicatus* J. Gay		adeonocarpine	CA 48:13084.
	l	isoorensine	Ribas 27.
		santiaguine	CA 47:2762.
	l	sparteine	BA 24:34232.
1589. *Adenocarpus decorticans* Boiss.	*l, s, sd*	decorticasine	Ribas 27.
	l, s, sd	sparteine	Ribas 27.
	l, sd	unn	Ribas 27.
1590. *Adenocarpus foliolosus* (Ait.) DC.	*l*	adenocarpine	CA 49:6279.
	l	santiaguine	CA 49:6279.
	l	unn	Wall 15.
1591. *Adenocarpus grandiflorus* Boiss.	*l*	adenocarpine	Ribas 27.
	l	decorticasine	CA 52:17313.
	l	isoorensine	Ribas 27.
	l	orensine	Ribas 27.
	l	santiaguine	Ribas 27.
1592. *Adenocarpus hispanicus* (Lam.) DC.	*l*	decorticasine	BA 30:32607.
	l	sparteine	BA 30:32607.
1593. *Adenocarpus intermedius* DC.	*l*	adenocarpine	CA 45:1303.
	l	santiaguine	CA 45:1303.
1594. *Adenocarpus parvifolius* (Lam.) DC.	*l*	adenocarpine	CA 45:1303.
	l	santiaguine	CA 45:1303.
1595. *Adenocarpus viscosus* Webb & Berth.		santiaguine	Ribas 51.
	l	teidine	CA 47:2762.
1596. *Aeschynomene americana* L.	*l*	unn	D–K.
1597. *Albizzia canescens* Benth.	*l, b, sd*	unn	Webb 268.
1597A. *Albizzia caribaea* (Urb.) Britton & Rose.	*l, s*	unn	Wall 55.
1598. *Albizzia julibrissin* Durazz.	*l, s*	phenethylamine(?)	White IX.
1599. *Albizzia lophantha* Benth.	*l, s*	phenethylamine(?)	White IX.
1600. *Albizzia lucida* Benth.		unn	Klein 723.
	l, s	unn	Wall 55.
1601. *Albizzia polyphylla* Fourn.	*l*	unn	Wall 26.
1601A. *Albizzia richardiana* King & Prain	*s*	unn	Wall 55.

1602. *Albizzia saponaria* Blume	*b*	unn	Webb 232.
1603. *Alhagi pseudalhagi* Desv.		unn	CA 48:11727.
1604. *Ammodendron conollyi* Bunge		ammodendrine	Henry 35, 139.
	l	anagyrine	CA 44:1119.
	l	conolline	CA 44:1119.
	l	isoammodendrine	CA 51:1212.
	l	pachycarpine	CA 44:1119.
		sparteine	Henry 116.
1605. *Ammodendron sieversii* DC.	*w*	unn	CA 35:4154.
1606. *Ammothamnus lehmannii* Bunge		ammothamnine	Henry 116.
		sophocarpine	Henry 116.
		sparteine	Henry 116.
1607. *Amorpha fruticosa* L.	*b*	unn	White I.
1608. *Anagyris foetida* L.	*sd*	anagyrine	Henry 116.
	sd	cytisine	Henry 116.
		N-methylcytisine	M-H III 124.
	sd	pachycarpine	Ribas 28.
	sd	sparteine	Henry 116.
1609. *Andira anthelmintica* Benth.	*b*	andirine	We 555.
1610. *Andira inermis* H.B.K.	*b*	andirine	Merck.
1611. *Andira retusa* H.B.K.	*b*	andirine	We 555.
1612. *Andira spectabilis* Saldanha da Gama	*b*	andirine	We 555.
1613. *Aotus villosa* Sm.	*l, b*	unn	Webb 241.
1614. *Arachis hypogaea* L.	*sd*	arachine	White XXII.
1615. *Archidendron lucyi* ? F. Muell.	*b*	unn	Webb 241.
1616. *Archidendron vaillantii* F. Muell.	*b*	unn	Webb 268.
1617. *Argyrolobium trigonelloides* Jaub. & Spach		unn	CA 48:11727.
1618. *Astragalus caryocarpus* Ker-Gawl.	*fr*	unn	We 543.
1619. *Astragalus earlei* Greene		α- and β-earleine	Webb 232.
1620. *Astragalus glycyphyllos* L.	*l*	unn	I–R.
1621. *Astragalus wootoni* Sheld.		trigonelline	Henry 772.
1621A. *Astragalus xiphidium* Bunge		unn	CA 53:3597.
1622. *Astragalus* spp.		unn	CA 48:11727.
1623. *Baptisia alba* (L.) R. Br.	*sd*	cytisine	Klein 774.
	l, s, r, fr	unn	Wall 55.
1624. *Baptisia australis* R. Br.		base P_2	Henry 117.
	l, s, sd	cytisine	White I.
	l, s	N-methylcytisine	Henry 117.
		sparteine	Henry 117.
1625. *Baptisia bracteata* Muhl.	*sd*	cytisine	Klein 774.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1626. *Baptisia exaltata* Sweet	*sd*	cytisine	M–H III 122.
1627. *Baptisia lanceolata* Ell.	*l*	unn	Wall 43.
1628. *Baptisia leucantha* Torr. & Gray	*sd*	cytisine	M–H III 122.
1629. *Baptisia minor* Lehm.	*w*	anagyrine	CA 43:650.
	w	baptifoline	CA 43:650.
	w	cytisine	CA 43:650.
	w	N-methylcytisine	CA 43:650.
	w	sparteine	CA 43:650.
1630. *Baptisia perfoliata* R. Br.	*w*	anagyrine	CA 43:649.
	w	baptifoline	CA 43:649.
	w	cytisine	CA 43:649.
	w	N-methylcytisine	CA 43:649.
	w	sparteine	CA 43:649.
1630A. *Baptisia psammophila* Larisey	*l, s, fr, r*	unn	Wall 55.
1631. *Baptisia tinctoria* R. Br.	*sd, r*	cytisine	Henry 116.
	l, s, fl, r	unn	Wall 55.
1632. *Baptisia versicolor* Raf.	*l, s, r*	anagyrine	CA 47:6604.
	sd	cytisine	Klein 774.
	l, s, r	lupanine	CA 47:6604.
	l, s, r	sparteine	CA 47:6604.
1633. *Bauhinia elongata* Korth		unn	We 502.
1634. *Bauhinia emarginata* Mill.		unn	We 502.
1635. *Bauhinia malabarica* Roxb.	*s*	unn	D–K.
1636. *Bossiaea brownei* Benth.	*l*	unn	Webb 268.
1637. *Bossiaea rupicola* A. Cunn.	*l*	unn	Webb 268.
1638. *Bowdichia major* Mart.	*rb*	unn	We 516.
1639. *Caesalpinia bonducella* Fleming	*l, sd*	unn	We 509.
1640. *Caesalpinia sepiaria* Roxb.	*l, s*	unn	Webb 241.
1641. *Calycotome spinosa* Link	*sd*	calycotamine	White XII.
	l, s, sd	calycotomine	White XII.
1642. *Canavalia rosea* (Sw.) DC. (*C. obtusifolia*)	*sd*	unn	Webb 268.

1643. *Cassia absus* L.	*sd*	chaksine	LCSJ 1958:555.
	sd	isochaksine	Henry 123.
1644. *Cassia alata* L.	*l*	unn	Webb 241.
1645. *Cassia bicapsularis* L.	*l, fr*	unn	Webb 241.
1646. *Cassia brasiliensis* Niederl.	*l, fl*	unn	Wall 15.
1647. *Cassia emarginata* L.	*l*	unn	Wall 15.
1648. *Cassia excelsa* Schrad.	*l*	unn	Wall 15.
	fr	unn	Wall 26.
1649. *Cassia laevigata* Willd.	*l*	unn	Webb 241.
1650. *Cassia patellaria* DC.	*s*	unn	D–K.
1651. *Cassia siamea* Lam.		unn	Klein 724.
	l, s	unn	D–K.
1652. *Cassia sophera* L.	*l, s, fr*	unn	Webb 241.
1653. *Cassia spectabilis* DC.	*l, fl, fr*	unn	Wall 26.
1654. *Cassia tomentella* Domin	*fr*	unn	Webb 241.
1655. *Castanospermum australe* A. Cunn. & Fraser	*l, b, sd*	unn	Webb 241.
1656. *Centrosema pubescens* Benth.	*s*	unn	D–K.
1656A. *Chamaecrista* (*Cassia*) cf. *multipinnata* Pollard	*l, s, r*	unn	Wall 55.
1657. *Cladrastis amurensis* Benth.	*sd, w*	cytisine (cytisine?)	CA 51:5369.
	sd, w	unn. (5)	CA 51:5369.
	l	unn	Wall 15.
1658. *Clitoria arborescens* R. Br.	*sd*	unn	Webb 232.
1659. *Clitoria ternatea* L.	*l, sd*	unn	Webb 268.
1660. *Clitoria* sp.	*s*	unn	D–K.
1661. *Colutea armena* Boiss. & Huet.	*l, s*	unn	I–R.
1662. *Colutea orientalis* Lam.	*l, s*	unn	I–R.
1663. *Coronilla varia* L.	*sd*	cytisine	White XXII.
	l, s, r	unn	Wall 55.
1664. *Crotalaria anagyroides* H.B.K.	*l*	unn	Arthur.
	l, s	unn	D–K.
1665. *Crotalaria burkeana* Benth.		unn	Webb 232.
1666. *Crotalaria crassipes* Hook.	*l*	unn	Webb 268.
1667. *Crotalaria damarensis* Engl.	*w*	unn	CA 47:12765.
1668. *Crotalaria dissiliflora* Benth.	*l, s*	unn	Webb 232.
1669. *Crotalaria dura* J. M. Wood & Evans		dicrotaline	Webb 232.
1670. *Crotalaria globifera* E. Mey.		dicrotaline	Webb 232.
1671. *Crotalaria grantiana* Harv.		grantianine	Webb 232.
1672. *Crotalaria incana* L.	*sd*	integerrimine	CA 48:12140.
	l, fr	unn	Webb 241.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1673. *Crotalaria juncea* L.	*sd*	junceine	ACSJ 78:1919.
	sd	riddelliine	ACSJ 78:1919.
	sd	senecionine	ACSJ 78:1919.
	sd	seneciphylline	ACSJ 78:1919.
	sd	trichodesmine	ACSJ 78:1919.
1674. *Crotalaria laburnifolia* L.	*l, s*	unn	White I.
1675. *Crotalaria lanceolata* E. Mey.	*l, s, fr*	unn	Webb 268.
1676. *Crotalaria linifolia* L. f.	*l, s, r, fr*	unn	Webb 241, 268.
1677. *Crotalaria mitchellii* Benth.	*l*	unn	Webb 241.
1678. *Crotalaria novae-hollandiae* DC.	*l, s, fr*	unn	Webb 241.
1679. *Crotalaria othonnae*		othosenine	M–H I 110.
1680. *Crotalaria retusa* L.	*sd*	monocrotaline	CA 52:6371.
	l, sd	monocrotaline N-oxide	AJC 10:464.
	sd	retronecine N-oxide	CA 52:6371.
	sd	retusamine	CA 52:6371.
	sd	retusamine N-oxide	CA 52:6371.
		retusine	CA 52:6371.
1681. *Crotalaria sagittalis* L.	*sd*	unn	Webb 232.
1682. *Crotalaria sericea* Retz.	*l, s, sd, r*	unn	Webb 268.
1683. *Crotalaria spectabilis* Roth	*l, fl, r*	monocrotaline	Econ Bot 10:254.
	w, sd	spectabiline	AJC 10:474.
	sd	unn	Webb 232.
1684. *Crotalaria striata* Schrank	*l, fr, sd*	unn	Webb 241.
1685. *Crotalaria trifoliastrum* Willd.	*l, rb*	unn	Webb 241.
1686. *Crotalaria usaramoensis* Bak. f.		usaramoensine	CA 48:12140.
	l, s, fr	unn	Webb 268.
1687. *Crotalaria verrucosa* L.	*l, s, fr*	unn	Webb 268.
1688. *Cytisus alschingeri* Vis.		cytisine	White XI.
1689. *Cytisus ardoinii* Fourn.	*l, s*	unn	White XXII.
1690. *Cytisus austriacus* L.	*s*	lupanine	White XI.
	l, s, fl	sparteine	White XI.
1691. *Cytisus battandieri* Maire	*s, sd*	cytisine	White XI.

1692. *Cytisus beanii* Nichols	*l, s, fl*	sparteine	White II.
1693. *Cytisus canariensis* Steud	*l, s, sd*	cytisine	White XI.
		N-methylcytisine	Henry 117.
1694. *Cytisus capitatus* Scop	*sd*	cytisine	White XI.
	l, s, fl	sparteine	White XI.
1695. *Cytisus caucasicus* Handl		anagyrine	M–H III 121.
	l	lupanine	White XI.
		pachycarpine	Orekhov 186.
	l	sparteine	White XI.
1696. *Cytisus emeriflorus* Reichb	*l, s*	sparteine	White II.
1697. *Cytisus formosissimus*		cytisine	White XI.
1698. *Cytisus grandiflorus* DC	*l, s, sd*	sparteine	White II.
1699. *Cytisus hillebrandtii* Briq		cytisine	M–H III 122.
		N-methylcytisine	M–H III 124.
1700. *Cytisus hirsutus* L	*l, s, fr*	sparteine	White II.
1701. *Cytisus kewensis* Bean	*l, s*	sparteine	White II.
1702. *Cytisus laburnum* L	*r, s, sd,* sprout	cytisine	Monatsh. 88:597.
		genisteine	Sokolov 122.
		laburnine	CA 44:1484.
		lupanine	Sokolov 122.
	r, l, s, sd, sprout	N-methylcytisine	Monatsh 88:597.
		sarothamnine	Sokolov 122.
		sparteine	Sokolov 122.
	sd	unn	CA 49:6977.
1703. *Cytisus linifolius* Lam	*l, s*	anagyrine	Henry 117.
	sd	cytisine	Henry 117.
1704. *Cytisus monspessulanus* L	*l, s, sd*	cytisine	White XV.
	l, s	N-methylcytisine	White XV.
	l, s	monspessulanine	White XV.
1705. *Cytisus multiflorus* Sweet	*fl, sd*	cytisine	White XI.
	s, sd	sparteine	White II.
1706. *Cytisus nigricans* L	*w, sd*	calycotomine	White XI.
1707. *Cytisus pendulinus* L	*l, s, fr*	sparteine	White II.
1708. *Cytisus polytrichus* Bieb		cytisine	White XI.
1709. *Cytisus* × *praecox* Wheeler in Bean	*l, s, sd*	sparteine	White II.
1710. *Cytisus proliferus* L. f	*sd*	calycotomine	White XXVI.
	l, s	sparteine	White III.
	sd	unn	White XXVI.
1711. *Cytisus purgans* Spach	*l, s*	sparteine	White II.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1712. *Cytisus ratisbonensis* Schaeff.	*fl*	cytisine	White XI.
	l	lupanine	White XI.
	l	sparteine	White XI.
1713. *Cytisus scoparius* Link	*sd*	cytisine	We 529.
	l, s, fr	genisteine	Henry 117.
	sd	hydroxylupanine	BA 30:8569.
	s, fl	hydroxytyramine	BA 30:8681.
	sd	lupanine	BA 30:8569.
	l, s, fr	sarothamnine	Henry 117.
	l, s, fr	sparteine	Henry 117.
		tyramine	M–H III 318.
1714. *Cytisus sessilifolius* L.	*s, sd*	lupanine	White XI.
1715. *Cytisus stenopetalus* Christ	*l, s*	anagyrine	White XIV.
	l, s	cytisine	White XIV.
	l, s	N-methylcytisine	White XIV.
1716. *Cytisus supinus* L.	*l*	unn	Wall 15.
1717. *Cytisus* × *versicolor* Dippel	*l, s*	sparteine	White II.
1718. *Cytisus vulpinus* Hort.	*l, s, fl*	sparteine	White II.
1719. *Cytisus* (*Sarothamnus*) *welwitschii* (Boiss. & Reut.) A. B. Jackson.	*l, s*	sparteine	CA 45:5367.
1720. *Cytisus* sp.		adenocarpine	CA 49:4681.
		isoorensine	CA 49:4681.
		santiaguine	CA 49:4681.
1721. *Dalbergia championii* Thw.		unn	We 544.
1722. *Dalbergia junghuhnii* Benth.		unn	We 544.
1723. *Dalbergia litoralis*		unn	We 544.
1723A. *Dalea terminalis* M. E. Jones	*l, s, fl*	unn	Wall 60.
1724. *Daviesia arborea* F. Muell. & Scort.	*l, b*	unn	Webb 241.
1725. *Daviesia corymbosa* Sm.	*l, b*	unn	Webb 241.

1726. *Daviesia ulicina* Sm.	*l, s*	unn	Webb 241.
1727. *Derris uliginosa* Benth.	*b*	unn	Klein 727.
1728. *Desmodium gangeticum* (L.) DC.	*sd, r*	unn	APAJ 44:625.
1729. *Dillwynia floribunda* Sm.	*l, s, r*	unn	Webb 241.
1730. *Dioclea macrocarpa* Huber	*sd*	physostigmine	CA 31:1552.
1731. *Dioclea reflexa* Hook. f.	*sd*	unn	Webb 268.
1732. *Dolichos speciosus*	*sd*	unn	Webb 232.
1733. *Entada phaseoloides* Merrill	*b*	unn	PPAJ 43:104.
1734. *Entada scandens* Benth.	*sd*	unn	We 495.
1735. *Enterolobium saman* Prain	*l*	unn	D–K.
1736. *Eremosparton aphyllum* Fisch. & Mey.	*st*	smirnovine	CA 49:3826.
	st	smirnovinine	CA 49:3826.
	r	unn	Henry 780.
1737. *Eremosparton flaccidum* Litwinow	*l, s*	isopropylvinylputrescine	CA 46:7289.
		smirnovine	CA 49:3826.
	l, s	sphaerophysine	CA 46:7289.
1738. *Erythrina abyssinica* Lam.	*sd*	erysodine	ACSJ 62:1677.
		erysonine	Orekhov 595.
	sd	erysopine	ACSJ 62:1677.
	sd	erysovine	M–H II 501.
	sd	erythraline	CA 43:5544.
	sd	hypaphorine	ACSJ 62:1677.
1739. *Erythrina acanthocarpa* E. Mey.	*sd*	erysopine	ACSJ 63:1544.
	sd	erysovine	M–H II 501.
	sd	hypaphorine	M–H II 372.
	sd	unn	CA 34:1812.
1740. *Erythrina altissima* A. Cheval.	*sd*	unn	APAJ 28:1019.
1741. *Erythrina americana* Mill.	*sd*	erysodine	ACSJ 62:1677.
	sd	erysopine	M–H II 501.
	sd	erysothiopine	M–H II 501.
	sd	erysothiovine	M–H II 501.
	sd	erysovine	M–H II 501.
	sd	α- and β-erythroidine	Henry 386.
	sd	hypaphorine	M–H II 501.
1742. *Erythrina arborescens* Roxb.	*sd*	erysodine	M–H II 501.
	sd	erysopine	M–H II 501.
	sd	erysovine	M–H II 501.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1743. *Erythrina berteroana* Urb.	*sd*	erysodine	M–H II 501.
	sd	erysopine	M–H II 501.
	sd	erysothiopine	M–H II 501.
	sd	erysothiovine	M–H II 501.
	sd	erysovine	ACSJ 62:1677.
	sd	α- and β-erythroidine	M–H II 501.
	sd	hypaphorine	ACSJ 62:1677.
1744. *Erythrina breviflora* Moc. & Sessé	*sd*	unn	APAJ 28:1019.
1745. *Erythrina broteroi* Hassk.		unn	Klein 727.
1746. *Erythrina buchii* Urb.	*sd*	unn	APAJ 28:1019.
1747. *Erythrina caffra* Thunb.	*sd*	unn	APAJ 28:1019.
1748. *Erythrina chiapasana* Krukoff	*sd*	unn	APAJ 28:1019.
1749. *Erythrina corallodendron* L.		unn	Webb 232.
	b, wd	unn	We 572.
1750. *Erythrina coralloides* Moc. & Sessé	*sd*	unn	APAJ 28:1019.
1751. *Erythrina costaricensis* M. Micheli	*sd*	erysodine	M–H II 501.
	sd	erysonine	M–H II 501.
	sd	erysopine	ACSJ 63:1544.
	sd	erysovine	M–H II 501.
	sd	α- and β-erythroidine	M–H II 501.
	sd	hypahorine	M–H II 501.
1752. *Erythrina crista-galli* L.	*sd*	erysodine	M–H II 501.
	sd	erysonine	Orekhov 595.
	sd	erysopine	BA 23:12652.
	sd	erysovine	BA 23:12652.
	sd	erythraline	BA 23:12652.
	sd	erythramine	BA 23:12652.
	sd	erythratine	BA 23:12652.
	sd	hypaphorine	BA 23:12652.
1753. *Erythrina cubensis* Wright	*sd*	erysodine	M–H II 501.
	sd	erysopine	M–H II 501.
	sd	erysovine	M–H II 501.

	sd	erythraline	M–H II 501.
	sd	erythramine	M–H II 501.
	sd	erythratine	M–H II 501.
	sd	hypaphorine	M–H II 501.
1754. *Erythrina dominguezii* Hassl.	*sd*	erysodine	M–H II 501.
	sd	erysopine	M–H II 501.
	sd	erysovine	M–H II 501.
	sd	erythraline	N–O.
	sd	erythramine	N–O.
	sd	erythratine	N–O.
	sd	hypaphorine	M–H II 501.
1755. *Erythrina edulis* Triana	*sd*	unn	APAJ 28:1019.
1756. *Erythrina eggersii* Krukoff & Moldenke	*sd*	unn	APAJ 28:1019.
1757. *Erythrina excelsa* Baker	*sd*	erysodine	M–H II 501.
	sd	erysovine	M–H II 501.
1758. *Erythrina falcata* Benth.	*sd*	erysodine	M–H II 501.
	sd	erysopine	M–H II 501.
	sd	erysovine	M–H II 501.
	sd	erythraline	N–O.
	sd	erythramine	N–O.
	sd	erythratidine	CA 47: 1714.
	sd	erythratine	N–O.
	sd	hypaphorine	M–H II 501.
1759. *Erythrina flabelliformis* Kearney	*sd*	erysodine	ACSJ 62:1677.
	sd	erysopine	ACSJ 62:1677.
	sd	erysothiopone	M–H II 501.
	sd	erysothiovine	M–H II 501.
	sd	erysovine	ACSJ 62:1677.
	sd	hypaphorine	ACSJ 62:1677.
1760. *Erythrina folkersii* Krukoff & Moldenke	*sd*	erysodine	M–H II 501.
	sd	erysovine	M–H II 501.
	sd	erythraline	M–H II 501.
	sd	hypaphorine	M–H II 372.
1761. *Erythrina fusca* Lour.	*sd*	erysodine	M–H II 501.
	sd	erysopine	ACSJ 63:1544.
	sd	erysovine	M–H II 501.
	sd	erythraline	M–H II 501.
	sd	hypaphorine	M–H II 501.
1762. *Erythrina glabrescens* R. N. Parker	*sd*	unn	APAJ 28:1019.

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Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1763. *Erythrina glauca* Willd.	*sd*	erysodine	M–H II 501.
		erysonine	Orekhov 595.
	sd	erysopine	M–H II 501.
	sd	erysothiopine	M–H II 501.
	sd	erysothiovine	M–H II 501.
	sd	erysovine	M–H II 501.
	sd	erythraline	M–H II 501.
	sd	erythramine	M–H II 501.
	sd	erythratine	M–H II 501.
	sd	hypaphorine	M–H II 501.
1764. *Erythrina goldmanii* Standl.	*sd*	unn	APAJ 28:1019.
1765. *Erythrina grisebachii* Urb.	*sd*	erythraline	M–H II 501.
	sd	hyaphorine	M–H II 501.
1766. *Erythrina herbacea* L.	*sd*	erysodine	M–H II 501.
	sd	erysopine	M–H II 501.
	sd	erysothiopine	M–H II 501.
	sd	erysothiovine	M–H II 501.
	sd	erysovine	M–H II 501.
	sd	hypaphorine	ACSJ 62:1677.
	l, s, r	unn	Wall 60.
1767. *Erythrina hondurensis* Standl.	*sd*	unn	APAJ 28:1019.
1768. *Erythrina hypaphorus* Boerl.	*sd*	hypaphorine	We 573.
1769. *Erythrina indica* Lam.	*sd*	hypaphorine	Webb 232.
	l, b	unn	Webb 268.
1770. *Erythrina insignis* Tod.	*l, s*	unn	White I.
1771. *Erythrina lanata* Rose	*sd*	unn	APAJ 28:1019.
1772. *Erythrina lanceolata* Standl.	*sd*	unn	APAJ 28:1019.
1773. *Erythrina macrophylla* DC.	*sd*	erysodine	M–H II 501.
	sd	erysopine	ACSJ 63:1544.
	sd	erysovine	M–H II 501.
	sd	erythraline	M–H II 501.
	sd	hypaphorine	M–H II 501.

1774. *Erythrina mexicana* Krukoff	*sd*	unn	APAJ 28:1019.
1775. *Erythrina mulungu* Mart.		unn	We 573.
1776. *Erythrina mysorensis* Gamble	*sd*	unn	APAJ 28:1019.
1777. *Erythrina occidentalis* Standl.	*sd*	unn	APAJ 28:1019.
1778. *Erythrina orophila* Ghesq.	*sd*	unn	APAJ 28:1019.
1779. *Erythrina pallida* Britt. & Rose	*sd*	erysodine	M–H II 501.
	sd	erysopine	M–H II 501.
	sd	erysothiovine	M–H II 501.
	sd	erysovine	M–H II 501.
1780. *Erythrina parcellii* Hort.	*sd*	unn	APAJ 28:1019.
1781. *Erythrina poeppigiana* Skeels	*sd*	erysodine	ACSJ 62:1677.
	sd	erysopine	M–H II 501.
	sd	erysothiovine	M–H II 501.
	sd	erysovine	ACSJ 62:1677.
	sd	hypaphorine	ACSJ 62:1677.
1782. *Erythrina polyanthes* (cf. *E. poianthes* Brot.)	*b, l*	unn	We 572.
1783. *Erythrina rubrinervia* H.B.K.	*sd*	erysopine	ACSJ 63:1544.
	sd	erysovine	M–H II 501.
	sd	hypaphorine	M–H II 501.
1784. *Erythrina sandwicensis* Degener	*sd*	erysodine	M–H II 501.
	sd	erysopine	M–H II 501.
	sd	erysothiopine	M–H II 501.
	sd	erysothiovine	M–H II 501.
	sd	erysovine	M–H II 501.
	sd	erythramine	M–H II 501.
	sd	hypaphorine	M–H II 501.
1785. *Erythrina senegalensis* DC.	*sd*	erysodine	ACSJ 63:1544.
	sd	erysopine	ACSJ 63:1544.
	sd	hypaphorine	M–H II 501.
1786. *Erythrina sigmoidea* Hua	*sd*	unn	APAJ 28:1019.
1787. *Erythrina speciosa* Andr.	*sd*	unn	APAJ 28:1019.
1788. *Erythrina standleyana* Krukoff	*sd*	unn	APAJ 28:1019.
1789. *Erythrina stricta* Roxb.	*sd*	unn	APAJ 28:1019.
1790. *Erythrina suberifera* Welw.	*sd*	unn	APAJ 28:1019.
1791. *Erythrina suberosa* Roxb.	*sd*	unn	APAJ 28:1019.
1792. *Erythrina subumbrans* Merrill	*sd*	erysodine	M–H II 501.
	sd	erysopine	ACSJ 63:1544.
	sd	erysovine	M–H II 501.
	sd	erythramine	M–H II 501.
	sd	hypaphorine	M–H II 501.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1793. *Erythrina tholloniana* Hua	*sd*	α- and β-erythroidine	CA 44:2706.
	sd	hypaphorine	CA 44:2706.
1794. *Erythrina variegata* L.	*sd*	erythraline	M–H II 501.
	sd	hypaphorine	M–H II 501.
1795. *Erythrina velutina* Willd.	*sd*	erysodine	M–H II 501.
	sd	erysovine	M–H II 501.
	sd	erythraline	M–H II 501.
	sd	hypaphorine	M–H II 501.
1796. *Erythrina vespertilio* Benth.	*sd*	unn	APAJ 28:1019.
1797. *Erythrina viarum* Tod.	*l, s*	unn	Webb 241.
1798. *Erythrophleum chlorostachya* Baill.		unn	Klein 727.
1799. *Erythrophleum coumingo* Baill.	*l, s, sd*	unn	Webb 241.
	b	coumingaine	M–H V 101.
	b	coumingidine	Henry 730.
	b	coumingine	Henry 729.
1800. *Erythrophleum fordii* Oliver		unn	Res To 2 (3) (1945).
1801. *Erythrophleum guineense* G. Don	*b*	cassaidine	Henry 726.
	b	cassaine	Henry 726.
	b	cassamine	CA 44:4013.
	b	erythrophlamine	CA 44:4013.
	b	erythrophleine	Henry 726.
	b	homophleine	Henry 726.
1802. *Euchresta horsfieldii* Benn.		cytisine	Henry 117.
1803. *Flemingia congesta* Blume	*s*	unn	D–K.
1804. *Galega officinalis* L.	*sd*	galegine	Henry 630.
1805. *Gastrolobium bilobum* Ait.		cusparine	Sokolov 122.
		cygnine	Sokolov 122.
1806. *Gastrolobium calycinum* Benth.	*l, s*	cygnine	Henry 780.
1807. *Gastrolobium grandiflorum* F. Muell.	*l*	unn	Webb 241.
1808. *Genista aethnensis* DC.	*l, s, sd*	cytisine	White XI.
	l, s	retamine	White XI.
	l, s	sparteine	White XI.

1809. *Genista dasycarpa* Ball	*l, s*	sparteine	White XI.
1810. *Genista duriaei* Spach	*l, s*	sparteine	White XI.
1811. *Genista ephedroides* DC		cytisine	White XI.
1812. *Genista ferox* Poir	*l, s*	cytisine	White XI.
1813. *Genista florida* L	*sd*	cytisine	Klein 774.
1814. *Genista humifusa* L	*l, s, fl*	anagyrine	White XI.
1815. *Genista monosperma* Lam	*l, s*	anagyrine	White XXV.
	sd	cytisine	White XI.
	l, s	N-methylcytisine	White XXV.
	l, s	oxosparteine	White XXV.
	l, s	sparteine	White XI.
1816. *Genista nyssana* Petrov	*l, s*	sparteine	White XI.
1817. *Genista ovata* Waldst. & Kit	*l*	cytisine	White XI.
1818. *Genista pilosa* L	*l*	cytisine	Klein 774.
1819. *Genista prostrata* Lam	*l, s*	sparteine	White XI.
1820. *Genista pungens* Poir	*l, s*	lupanine	CA 49:16345.
	s, fr	salsolidine	Ribas 28.
	l, s	sparteine	CA 49:16345.
1821. *Genista racemosa* Marn		cytisine	White XI.
1822. *Genista radiata* Scop	*l*	cytisine	White XI.
	l, s	sparteine	White XI.
1823. *Genista raetam* Forsk	*l, s, fr*	retamine	CA 51:11657.
	l, s, fr	sparteine	CA 51:11657.
	l, s, fr	unn. (5)	CA 51:11657.
1824. *Genista ramosissima* Poir		cytisine	White XI.
1825. *Genista sagittalis* L	*l, s*	anagyrine	CA 46:6656.
	l, s, fr	cytisine	CA 46:6656.
	l, s, fr	N-methylcytisine	CA 46:6656.
1826. *Genista (Retama) sphaerocarpa* Lam	*b, s*	retamine	Merck.
		sparteine	Henry 118.
1827. *Genista spicata* Eckl. & Zeyh		cytisine	White XI.
1828. *Genista tinctoria* L	*l, s, fr*	anagyrine	CA 46:6656.
	l, s, fr	cytisine	CA 46:6656.
	fl	genisteine	White XI.
		N-methylcytisine	Henry 117.
1829. *Genista transcaucasica* Schischk		unn	CA 48:11727.
1830. *Genista virgata* Link	*l, s, sd*	cytisine	White XI.
1831. *Gleditsia triacanthos* L	*sd*	cytisine	Klein 774.
	l	triacanthine	CA 48:11727.
1832. *Glycine soja* Sieb. & Zucc		trigonelline	M–H I 176.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1833. *Glycine tabacina* Benth.	*l, s, fr*	unn	Webb 241.
1834. *Glycyrrhiza glandulifera* Waldst. & Kit.		unn	CA 48:11727.
1835. *Hardenbergia monophylla* Benth.	*l, s*	unn	Webb 241.
1836. *Hovea acutifolia* A. Cunn.	*l*	sparteine	CA 45:2954.
	l, b	unn	Webb 241.
1837. *Hovea chorizemaefolia* DC.	*l*	unn	Webb 268.
1838. *Hovea elliptica* DC.	*l*	unn	Webb 268.
1839. *Hovea heterophylla* A. Cunn.	*l*	unn	Webb 268.
1840. *Hovea linearis* Ait.	*l*	unn	Webb 268.
1841. *Hovea longifolia* R. Br. in Ait.	*l*	sparteine	CA 45:2954.
	l, s	unn	Webb 241.
1842. *Hovea longipes* Benth.	*l*	unn	Webb 268.
1843. *Hovea pungens* Benth.	*l*	unn	Webb 268.
1844. *Hovea trisperma* Benth.	*l*	unn	Webb 268.
1845. *Indigofera australis* Willd.	*r*	unn	Webb 241.
1846. *Indigofera endecaphylla* Jacq.	*l, s*	unn	D–K.
1847. *Indigofera hirsuta* L.	*l*	unn	D–K.
1848. *Jacksonia scoparia* R. Br.	*s, b*	unn	Webb 241.
1849. *Jacksonia thesioides* A. Cunn.	*r*	unn	Webb 268.
1850. *Laburnum alpinum* J. Presl	*l, fl, fr, sd*	cytisine	White V.
1851. *Laburnum anagyroides* Medic.	*sd*	cytisine	Merck.
1852. *Laburnum vulgare* J. Presl	*l, s, fl, sd*	cytisine	White V.
1853. *Lamprolobium fruticosum* Benth.	*sd*	unn	Webb 268.
1854. *Lathyrus sativus* L.	*sd*	unn	CA 45:3041.
1855. *Lathyrus vernus* Bernh.		unn	White I.
1856. *Lespedeza bicolor* Turcz. var. *japonica* Nakai	*l*	alkaloid L	CA 52:14082.
1857. *Leucaena glauca* (Willd.) Benth.=*L. leucocephala* (Lam.) de Wit.	*sd*	leucenol	Henry 2.
		mimosine	Orekhov 117.
1858. *Lotus australis* Andr.	*w*	unn	Webb 241.
1859. *Lotus caucasicus* Kuprian.		unn	CA 48:11727.
1860. *Lotus* sp.		cytisine	Ribas 59.
1861. *Lupinus affinis* Agardh	*sd*	unn	We 527.

1862. *Lupinus albococcineus* Hort.	*sd*	unn.	We 527.
1863. *Lupinus albus* L.	*sd*	hydroxylupanine	CA 50:10338.
	sd	lupanine	CA 50:10338.
	l	sparteine	CA 50:10338.
1864. *Lupinus andersonii* S. Wats.		anagyrine	Orekhov 78.
		nonalupine	Henry 117.
		pusilline	M–H III 125.
		spathulatine	Orekhov 196.
1865. *Lupinus angustifolius* L.	*sd*	angustifoline	Monatsh 88:663.
	sd	hydroxylupanine	CA 50:10338.
	sd	isolupanine	Archiv Pharm 290: 537.
	l, s, sd	lupanine	White VI.
	sd	matrine	Ribas 91.
	sd	unn. (4)	CA 50:10338.
1866. *Lupinus arboreus* Sims	*l, s, sd*	lupanine	White VII.
	l, s, sd	sparteine	White VII.
1867. *Lupinus barbiger* S. Wats.	*l, s*	dilupine	Henry 117.
	l, s	sparteine	Henry 117.
	l, s	trilopine	Henry 117.
1868. *Lupinus caeruleus* A. A. Heller	*sd*	unn.	We 527.
1869. *Lupinus caudatus* Kellogg		anagyrine	M–H III 121.
	w	α-isolupanine	CA 45:8541.
	w	α-isosparteine	CA 45:8541.
	w	lupanine	CA 45:8541.
		monolupine	Henry 117.
		rhombinine	Orekhov 172.
	w	sparteine	CA 45:8541.
	w	thermopsine	CA 45:8541.
1870. *Lupinus corymbosus* A. A. Heller		hexalupine	Henry 117.
1871. *Lupinus cruckshanksii* A. Gray	*sd*	lupanine	Klein 725.
1872. *Lupinus diffusus* Nutt.	*l*	unn.	Wall 43.
1873. *Lupinus excubitus* M. E. Jones	*l, s*	unn.	Wall 55.
1874. *Lupinus hartwegii* Lindl.	*l, s*	lupanine	White XXVI.
1875. *Lupinus hilarianus* Benth.		hydroxylupanine	Henry 117.
1876. *Lupinus hirsutus* L.	*sd*	unn.	We 523.
1877. *Lupinus kingii* S. Wats.	*l*	lupanine	We 524.
	l	unn. (2)	We 524.
1878. *Lupinus lanceolatus*		homothermopsine	M–H III 122.
1879. *Lupinus laxiflorus* Dougl.	*w*	anagyrine	White X.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1880. *Lupinus laxus* Rydb.		lupanine	Henry 117.
		lupilaxine	CJC 31:181.
		sparteine	Henry 117.
		trilupine	Henry 117.
		unn	Henry 117.
1881. *Lupinus linifolius* Roth	*sd*	unn	We 524.
1882. *Lupinus luteus* L.	*sd, l*	lupinine	CA 49:8564.
	sd, l	sparteine	CA 49:8564.
1883. *Lupinus macounii* Rydb.	*w*	alkaloid P 1	CA 40:4070.
		anagyrine	M–H III 121.
		hydrorhombinine	Henry 118.
		lupanine	M–H III 123.
		rhombinine	Henry 118.
1884. *Lupinus marianus* Rydb.		pusilline	M–H III 125.
		spathulatine	CJC 29:959.
1885. *Lupinus multiflorus* Desr.	*sd*	unn	N–O.
1886. *Lupinus mutabilis* Sweet	*sd*	lupanine	Ribas 32.
	sd	lupinine	Ribas 32.
	sd	sparteine	Ribas 32.
1887. *Lupinus niger* Pharm. ex Wehmer	*sd*	lupinine	Henry 117.
	sd	sparteine	Henry 117.
1888. *Lupinus nuttallii* S. Wats.	*l, s*	unn	Wall 55.
1889. *Lupinus palmeri* S. Wats.		lupinine	Henry 118.
		pentalupine	Henry 118.
		tetralupine	Henry 118.
1890. *Lupinus perennis* L.	*sd*	angustifoline	Monatsh 88:663.
	sd	hydroxylupanine	Archiv Pharm 287:290.
	sd	lupanine	Archiv Pharm 287: 290.
	sd	unn	Archiv Pharm 287:290.

1891. *Lupinus pilosus* Murr.	*l, s*	epilupinine	CJC 33:1290.
	l, sd	isolupinine	Ribas 32.
	l, s	lupanine	CJC 33:1290.
1892. *Lupinus polyphyllus* Lindl.		hydroxylupanine	Henry 118.
	sd	lupanine	Henry 118.
1893. *Lupinus pubescens* Benth.	*sd*	unn	We 527.
1894. *Lupinus pusillus* Pursh	*w*	anagyrine	CA 43:3428.
	w	lupanine	CA 43:3428.
	w	pusilline	CA 43:3428.
	w	sparteine	CA 43:3428.
1895. *Lupinus sericeus* Pursh		hydroxylupanine	M–H III 123.
	w	8-hydroxyspartalupine	DA 19:441.
	fl	isolupanine	CA 48:12752.
	fl	lupanine	CA 48:12752.
	fl	lupanoline	CA 48:12752.
	w	lupilaxine	CA 48:12752.
		nonalupine	Henry 118.
		octalupine	Henry 118.
		pusilline	CJC 34:456.
		spartalupine	CJC 34:456.
	fl	sparteine	CA 48:12752.
		spathulatine	Henry 118.
1896. *Lupinus spathulatus* Rydb.	*sd*	spathulatine	We 524.
1897. *Lupinus termis* Forsk.	*sd*	lupanine	Henry 118.
1898. *Lupinus varius* L.	*l, sd*	epilupinine	CA 51:12430.
	l, sd	epilupinine N-oxide	CA 50:1057.
	l, sd	LV–1	CA 51:12430.
	sd	LV–2	CA 50:1057.
	l	LV–3, –4	CA 51:12430.
	l	sparteine	CA 51:12430.
1899. *Lupinus villosus* Willd.	*l*	unn	Wall 43.
1899A. *Lupinus westiana* Small	*w*	unn	Wall 60.
1900. *Lupinus wyethii* S. Wats.	*w*	hydroxylupanine	CA 47:6604.
	w	lupanine	CA 47:6604.
	w	sparteine	CA 47:6604.
	w	unn	CA 47:6604.
1901. *Macroptilium lathyroides* Urb.	*b, l*	unn	CA 44:2179.
1902. *Medicago sativa* L.	*l, s, sd*	homostachydrine	CJC 37:1043.
	l, s, sd	stachydrine	CJC 37:1043.
	sd	trigonelline	CJC 37:1043.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1903. *Melilotus parviflora* Desf.	*l, s*	unn	Webb 241.
1904. *Mezoneurum robustum* C. T. White	*l, r*	unn	Webb 268.
1905. *Mezoneurum sumatranum* Wight & Arn.	*l, b*	unn	We 511.
1906. *Millettia australis* Benth. (*M. maideniana* F. M. Bailey).	*l*	unn	Webb 268.
1907. *Millettia megasperma* Benth.	*sd*	unn	Webb 241.
1908. *Mimosa hostilis* Benth.	*rb*	nigerine	Brazil pesq agron 4:45.
1909. *Mimosa invisa* Mart.	*l, s, r*	unn	D–K.
1910. *Mimosa pudica* L.		mimosine	Henry 4.
	l, s, r	unn	Webb 268.
1911. *Mucuna capitata* Sweet	*sd*	unn	We 584.
1912. *Mucuna cylindrosperma* Welw. ex Baker		physostigmine	Ribas 41.
1913. *Mucuna gigantea* DC.	*l, sd*	unn	Webb 241.
1914. *Mucuna pruriens* DC.		bases P, Q, R, S, X	CA 52:5748.
	w	5-hydroxytryptamine	Nature 174:925.
		mucuadine	CA 49:9881.
		mucuadinine	CA 49:9881.
		mucuadininine	CA 49:9881.
	sd	mucunadine	CA 48:8793.
	sd	mucunine	CA 48:8793.
		nicotine	CA 49:9881.
		prurienidine	CA 49:9881.
	sd	prurienine	CA 48:8793.
	sd	prurieninine	CA 48:8793.
1915. *Mucuna urens* Medic.		physostigmine	Ribas 41.
1917. *Ormosia avilensis* Pittier	*sd*	compound IV	ACSJ 80:1506.
	sd	ormosanine	ACSJ 80:1506.
	sd	panamine	ACSJ 80:1506.
1918. *Ormosia coccinea* Jacks.	*sd*	compounds IV, V, VI	ACSJ 80:1506.
	sd	ormosanine	ACSJ 80:1506.
	sd	ormosine	We 518.
	sd	ormosinine	We 518.

1919. *Ormosia dasycarpa* Jacks.	*sd*	ormosine	We 518.
	sd	ormosinine	We 518.
1920. *Ormosia jamaicensis* Urb.	*sd*	compounds IV, V, VII	ACSJ 80:1506.
	sd	ormosanine	ACSJ 80:1506.
	sd	ormosinine	ACSJ 80:1506.
	sd	panamine	ACSJ 80:1506.
1921. *Ormosia macrophylla* Benth.	*sd*	compounds IV, V	ACSJ 80:1506.
	sd	ormosanine	ACSJ 80:1506.
	sd	ormosinine	ACSJ 80:1506.
	sd	panamine	ACSJ 80:1506.
1922. *Ormosia monosperma* Urb.	*sd*	compounds IV, V, VI	ACSJ 80:1506.
	sd	ormosanine	ACSJ 80:1506.
	sd	ormosinine	ACSJ 80:1506.
	sd	panamine	ACSJ 80:1506.
1923. *Ormosia panamensis* Benth.	*sd*	compounds IV, V, VI	ACSJ 80:1506.
	sd	ormosanine	ACSJ 80:1506.
	sd	ormosinine	ACSJ 80:1506.
	sd	panamine	ACSJ 80:1506.
1924. *Ormosia stipitata* Schery	*sd*	N-methylcytisine	JOC 23:1074.
1925. *Ormosia tovarensis* Pittier	*sd*	compounds IV, V	ACSJ 80:1506.
	sd	ormosanine	ACSJ 80:1506.
	sd	ormosinine	ACSJ 80:1506.
	sd	panamine	ACSJ 80:1506.
1926. *Ostryoderris chevalieri* Dunn	*b*	unn	Henry 781.
1927. *Oxylobium ellipticum* R. Br.	*l*	unn	Webb 268.
1928. *Oxylobium lanceolatum* Druce	*l, s, fl*	unn	White XXII.
1929. *Oxylobium parviflorum* Benth.		lobine	Henry 781.
1930. *Oxytropis lambertii* Pursh	*l*	unn	We 547.
1931. *Pachyrrhizus erosus* Urb.	*l, s, fr*	unn	Webb 268.
1932. *Parkinsonia aculeata* L.	*l, s, fl*	unn	Webb 268.
1933. *Peltogyne nitens*	*l, fr*	unn	Wall 15.
1934. *Pentaclethra macrophylla* Benth.		paucine	Henry 776.
1935. *Petalostylis labicheoides* R. Br.	*w*	tetrahydroharman	Nature 168:517.
1936. *Petteria ramentacea* Presl	*l*	unn	Wall 15.
1937. *Phaseolus semierectus* L.	*l, s*	unn	Webb 241.
1938. *Phaseolus* sp.		unn	CA 42:2728.
1939. *Physostigma cylindrospermum* Holmes	*sd*	physostigmine	We 575.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1940. *Physostigma venenosum* Balf.	*sd*	eseramine	Henry 547.
	sd	eseridine	Henry 547.
	sd	geneserine	Henry 547.
	sd	isophysostigmine	Henry 547.
	sd	physostigmine	Henry 540.
	sd	physovenine	Henry 549.
1941. *Piptadenia excelsa* Lillo	*b*	lilloine	N-O 111.
1942. *Piptadenia macrocarpa* Benth.	*fr*	bufotenine	ACSJ 77:5892.
	fr	bufotenine oxide	ACSJ 77:5892.
	fr	N,N-dimethyltryptamine	ACSJ 77:5892.
	fr	N,N-dimethyltryptamine oxide	ACSJ 77:5892.
	fr	unn	ACSJ 77:5892.
	l, b, wd	unn	BA 23:1939.
1943. *Piptadenia paniculata* Benth.	*sd*	unn	ACSJ 77:5892.
1944. *Piptadenia peregrina* Benth.	*fr*	bufotenine	ACSJ 77:5892.
	fr	bufotenine oxide	ACSJ 77:5892.
	fr	N,N-dimethyltryptamine	ACSJ 77:5892.
	fr	N,N-dimethyltryptamine oxide	ACSJ 77:5892.
1945. *Piptanthus mongolicus* Maxim.		piptamine	Orekhov 193.
		piptanthine	Orekhov 193.
1946. *Piptanthus nanus* Popov	*w*	isopiptanthine	CA 52:8164.
	l, s	piptamine	CA 45:9548.
	l, s, r	piptanthine	CA 45:9548.
	r	sparteine	M-H V 319.
1947. *Piptanthus nepalensis* Sweet	*l, s, sd*	cytisine	White I.
1948. *Piscidia erythrina* L.		unn	Henry 782.
1949. *Pisum sativum* L.	*l, sd*	trigonelline	Henry 7.
1950. *Pithecellobium bigeminum* Mart.	*b, sd*	pithecolobine	Merck.
1951. *Pithecellobium clypearia* Benth.	*l, s*	unn	D–K.
1952. *Pithecellobium dulce* Benth.	*l*	unn	Arthur.
1953. *Pithecellobium fasciculatum* Benth.	*b*	unn	We 485.
1954. *Pithecellobium flexicaule* Coult.	*l*	unn	Wall 15.

1955. *Pithecellobium grandiflorum* Benth.	*l, b*	unn	Webb 241.
1956. *Pithecellobium hendersonii* F. Muell.	*l*	unn	Webb 241.
1957. *Pithecellobium hymeneaefolium* Benth.	*b*	pithecolobine	We 484.
1958. *Pithecellobium lobatum* Benth.	*b, sd*	pithecolobine	Merck.
1959. *Pithecellobium moniliferum* Benth.	*b*	unn	We 485.
1960. *Pithecellobium pruinosum* Benth.	*l, sd*	unn	Webb 241.
1961. *Pithecellobium saman* Benth.	*b*	pithecolobine	ACSJ 75:6348.
1962. *Pithecellobium undulatum* (Britt. & Rose) Gentry	*l*	unn	Wall 15.
1963. *Pithecellobium unguis-cati* Benth.	*b*	unn	We 485.
1964. *Podalyria buxifolia* Willd.	*l, s*	lupanine	White VIII.
1966. *Podalyria calyptrata* Willd.	*l, s, fl*	lupanine	White VIII.
1967. *Podalyria sericea* R. Br.	*l, s, sd*	lupanine	White VIII.
1968. *Podopetalum ormondi* F. Muell.	*l, s*	unn	Webb 268.
1969. *Poinciana pulcherrima* L. = *Caesalpinia pulcherrima* (L.) Sw.	*b, l*	unn	CA 44:2179.
1970. *Pongamia pinnata* (L.) Merr. (*P. glabra* Vent.)	*fr, b, rb*	unn	Webb 241, 268.
1970A. *Prosopis juliflora* Benth.	*l, s*	unn	Wall 60.
1971. *Prosopis ruscifolia* Griseb.	*l*	vinaline	CA 46:11311.
1972. *Prosopis vinalillo* Stuck.		vinaline	N–O.
1973. *Psoralea badocana* Blanco	*l*	unn	Webb 268.
1974. *Psoralea cinerea* Lindl.	*l, s, fl*	unn	Webb 268.
1975. *Psoralea glandulosa* L.	*l*	unn	Falck 23.
1976. *Pterocarpus marsupium* Roxb.	*wd*	unn	CA 50:9738.
1977. *Pueraria phaseoloides* Benth.	*s*	unn	D–K.
1978. *Pultenaea* sp.	*l, s*	unn	Webb 268.
1979. *Retama monosperma* Boiss.	*s*	anagyrine	Ribas 33.
	s	base X	Ribas 33.
	s	cytisine	Ribas 33.
	s	N-methylcytisine	Ribas 33.
	s	pachicarpine	Ribas 33.
	s	retamine	Ribas 33.
	s	sphaerocarpine	Ribas 33.
1980. *Retama raetam* Webb & Berth.	*l, s, fr*	retamine	CA 51:11657.
	l, s, fr	sparteine	CA 51:11657.
	l, s, fr	unn. (5)	CA 51:11657.
1981. *Retama sphaerocarpa* Boiss. (*Genista sphaerocarpa* Lam.).	*fr*	cytisine	Ribas 34.
		retamine	M–H III 125.
		sparteine	M–H III 126.
	fr	sphaerocarpine	CA 51:1212.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
1982. *Rhynchosia pyramidalis* (Lam.) Urb.	*sd*	unn	Webb 232.
1983. *Samanea saman* Merrill	*l*	unn	Wall 26.
1984. *Sarothamnus catalaunicus* Webb	*l, s, fr*	sparteine	White II.
1985. *Sarothamnus scoparius* Koch (*S. vulgaris* Wimm.)		genisteine	Sokolov 123.
	sd	hydroxylupanine	Ribas 34.
	sd	lupanine	Ribas 34.
		sarothamnine	Sokolov 123.
	fl, sd	sparteine	Ribas 123.
1986. *Sesbania aculeata* Poir	*l, s, fr*	unn	Webb 268.
1987. *Sesbania cinerascens* Welw	*sd*	unn	We 574.
1988. *Sesbania tripetii* F. T. Hubbard	*l, s, fl*	unn	White I.
1989. *Smirnowia turkestana* Bunge	*l*	smirnovine	CA 43:238.
	l, s	smirnovinine	CA 45:8458.
	l	sphaerophysine	CA 42:4718.
1990. *Sophora alopecuroides* L.		aloperine	Henry 118.
		cytisine	Sokolov 123.
		matrine	Henry 118.
		pachycarpine	Sokolov 123.
		sophocarpine	Henry 118.
	l	sophoramine	Henry 118.
	l	sophoridine	Henry 118.
1991. *Sophora angustifolia* Sieb. & Zucc.	*sd*	cytisine	We 517.
	r	matrine	We 517.
		oxymatrine	Henry 118.
		sophocarpine	Henry 118.
1992. *Sophora chathamica* Cockayne		sophochrysine	Ribas 99.
1993. *Sophora chrysophylla* Seem.	*sd*	anagyrine	White X.
		cytisine	Henry 118.
		sophochrysine	Henry 118.
1994. *Sophora flavescens* Ait.	*r*	anagyrine	Ber 91:2189.
	r	baptifoline	Ber 91:2189.
	r	hydroxymatrine	Ber 91:2189.

	r	matrine	M–H III 124.
	r	matrine N-oxide	Ber 91:2189.
	r	N-methylcytisine	Ber 91:2189.
1995. *Sophora fraseri* Benth.	*l, s, fr*	unn	Webb 268.
1995A. *Sophora griffithii* Stocks	*l, sd*	cytisine	CA 52:13017.
	l	pachycarpine	CA 52:13017.
1996. *Sophora japonica* L.	*l, s*	cytisine	White XXII.
1997. *Sophora lupinoides* L.		pachycarpine	Orekhov 186.
		sophocarpidine	CA 50:5241.
		sophocarpine	CA 50:5241.
		sparteine	CA 50:5241.
1998. *Sophora massagetovii* Fedtsch.		pachycarpine	Orekhov 186.
1999. *Sophora microphylla* Ait.		cytisine	Henry 118.
		matrine	Henry 118.
		N-methylcytisine	Henry 118.
		sophochrysine	Henry 118.
2000. *Sophora pachycarpa* Schrenk	*sd*	matrine	Henry 118.
	w	pachycarpidine	CA 49:10319.
	l	pachycarpine	Henry 118.
	sd	sophocarpine	Henry 118.
		sophoramine	CA 48:11438.
	l	sparteine	CA 27:3478.
2001. *Sophora secundiflora* Lag.	*sd*	cytisine	We 517.
	l, s	unn	Wall 60.
2002. *Sophora sericea* Nutt.	*sd*	cytisine	We 517.
2003. *Sophora speciosa* Benth.	*sd*	cytisine	We 517.
2004. *Sophora tetraptera* J. Mill.	*sd*	matrine	CA 43:3016.
	sd	N-methylcytisine	CA 43:3016.
	fl, sd	sophochrysine	Henry 118.
2005. *Sophora tomentosa* L.	*sd*	cytisine	Henry 118.
	l, fr	unn	Webb 268.
2006. *Sophora wightii* Baker		unn	We 517.
2007. *Spartium junceum* L.	*fl, s*	anagyrine	Ribas 35.
	fl, sd	cytisine	Ribas 35.
	fl	N-methylcytisine	Ribas 35.
		sparteine	Henry 118.
2008. *Spartium scoparium* L.	*sd*	sparteine	Merck.
2009. *Spatholobus gyrocarpus* Benth.	*l*	unn	D–K.
2010. *Sphaerophysa salsula* DC.		sphaerophysine	Henry 630.
2011. *Swainsona galegifolia* R. Br.	*l, s, fr*	unn	Webb 241.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LEGUMINOSAE—Continued			
2012. *Swainsona luteola* F. Muell.	*w*	unn	Webb 241.
2013. *Swainsona procumbens* F. Muell.	*w*	unn	Webb 268.
2014. *Sweetia panamensis* Benth.		sweetine	Mass Pharm 18:24.
2015. *Templetonia retusa* R. Br.	*l, s*	cytisine	White XXII.
2016. *Tephrosia candida* DC.	*l, s*	unn	D–K.
2017. *Tephrosia* aff. *coriacea* Benth.	*l*	unn	Webb 268.
2018. *Tephrosia macropoda* Harv.	*l, s, fr*	unn	Webb 241.
2019. *Tephrosia purpurea* (L.) Pers.	*l, s*	unn	Webb 241.
2019A. *Tephrosia virginiana* (L.) Pers.	*l, s*	unn	Wall 55.
2020. *Tephrosia* sp.	*l, s*	unn	Webb 241.
2021. *Thermopsis alpina* Ledeb.	*w*	unn	CA 35:4154.
2022. *Thermopsis alterniflora* Regel & Schmalh.	*w*	unn	CA 35:4154.
2023. *Thermopsis fabacea* DC.		cytisine	CA 49:13597.
		N-methylcytisine	CA 49:13597.
2024. *Thermopsis lanceolata* R. Br.		anagyrine	Henry 118.
	sd	cytisine	CA 43:6371.
		homothermopsine	Henry 118.
		N-methylcytisine	Henry 118.
		pachycarpine	Sokolov 123.
		sparteine	Henry 118.
		thermopsine	Henry 118.
2025. *Thermopsis rhombifolia* Richards		anagyrine	Orekhov 172.
		cytisine	Henry 118.
		3-methoxypyridine	M-H III 124.
		N-methylcytisine	Henry 118.
		rhombifoline	Henry 118.
		rhombinine	Henry 118.
		thermopsine	Henry 118.
2026. *Trachylobium hornemannianum* Hayne	*l*	unn	Wall 26.
2027. *Trigonella caerulea* Ser.	*w*	trigonelline	We Sup 206.
2028. *Trigonella cretica* Boiss.	*w*	trigonelline	We Sup 206.
2029. *Trigonella foenum-graecum* L.	*sd*	trigonelline	M-H I 176.

2030. *Trigonella lilacina* Boiss.	*w*	trigonelline	We Sup 206.
2031. *Trigonella radiata* Boiss.	*w*	trigonelline	We Sup 206.
2032. *Trigonella spinosa* L.	*w*	trigonelline	We Sup 206.
2033. *Ulex europaeus* L.	*fl, fr*	anagyrine	CA 46:6331.
	b, s, fl, sd	cytisine	White V.
		unn	Henry 118.
2034. *Ulex nanus* Forst.	*s, fr*	anagyrine	CA 46:6331.
	sd	cytisine	CA 46:6331.
2035. *Vicia balansae* Boiss.		unn	CA 48:11727.
2036. *Vicia calabarica*		physostigmine	Orekhov 601.
2037. *Vicia faba* L.	*sd*	convicine	ACSJ 54:2038.
2038. *Vicia sativa* L.		convicine	Merck.
		vicine	Merck.
2039. *Vicia variegata* Willd.		unn	CA 48:11727.
2040. *Virgilia capensis* Lam.	*w*	lupanine(?)	CA 41:6574.
	w	virgilidine	CA 41:6574.
	w	virgiline	CA 41:6574.
LILIACEAE			
2041. *Allium odorum* L.	*l*	unn	PPSJ 42:120.
2041A. *Allium tricoccum* Ait.	*l, r*	unn	Wall 60.
2042. *Amianthium muscaetoxicum* A. Gray	*l, r*	amianthine	CA 49:4688.
	l, r	jervine	CA 49:4688.
	l, r	unn. (2)	CA 49:4688.
2043. *Androcymbium gramineum* Macbride	*fl, sd, bu*	colchicine	Sant.
2044. *Androcymbium* sp.		colchicine	CA 50:16999.
2045. *Asparagus plumosus* Baker	*l, r*	unn	Webb 268.
2046. *Asphodelus* sp.		colchicine	M-H II 263.
2047. *Brodiaea uniflora* Engl.	*w*	unn	Wall 13.
2048. *Bulbine semibarbata* Haw.	*r*	unn	Webb 268.
2049. *Bulbocodium* sp.		colchicine	M-H II 263.
2050. *Colchicum agrippinum* Baker	*bu*	colchicine	CA 46:9264.
2051. *Colchicum alpinum* DC.	*bu*	colchicine(?)	Sant.
2052. *Colchicum arenarium* Waldst. & Kit.	*bu, sd, fl, l*	colchicine	Sant.
	bu, sd	demecolcine	CA 50:1266.
	bu, sd	unn (2)	CA 50:1266.

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Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LILICEAE—Continued			
2053. *Colchicum autumnale* L.	*fl, bu*	colchiceine	Sant.
	l, fl, sd, bu	colchicine	Henry 650.
	sd, bu	compounds B, C, G	CA 45:2152.
	sd	compounds F, S	CA 49:343.
	bu	compounds D, I, J, U	CA 49:9605.
		demecolcine	BA 28:9439.
2054. *Colchicum bisignanii* Tenore	*sd*	colchicine	LCSJ 80 II:679.
2055. *Colchicum bivonae* Guss.	*sd*	colchicine	LCSJ 80 II:679.
2056. *Colchicum bornmülleri* Freyn	*bu*	colchicine	Sant.
2057. *Colchicum cilicicum* Hayek & Siehe	*bu*	colchicine	Sant.
2058. *Colchicum crocifolium* Boiss.	*bu*	colchicine	Sant.
2059. *Colchicum cupani* Guss.	*w*	colchicine	M-H II 263.
2060. *Colchicum hierosolymitanum*	*bu*	colchicine	Sant.
2061. *Colchicum laetum* Stev.	*sd*	colchicine	LCSJ 80 II:679.
2062. *Colchicum lusitanum* Brot.	*bu, fl*	colchicine	CA 50:1266.
2063. *Colchicum luteum* Baker	*bu*	colchicine	CA 50:1266.
	bu	unn	CA 50:1266.
2064. *Colchicum montanum* L.	*bu*	colchicine	Sant.
	sd	colchicine	LCSJ 80 II: 679.
2065. *Colchicum multiflorum* Brot.	*bu*	colchicine(?)	Sant.
2066. *Colchicum neapolitanum* Tenore	*bu*	colchicine	Sant.
	sd	colchicine	LCSJ 80 II:679.
2067. *Colchicum persicum* Baker	*sd*	colchicine	LCSJ 80 II:679.
2068. *Colchicum ruthenicum*	*l*	colchicine(?)	Sant.
2069. *Colchicum speciosum* Stev.		colchamine	CA 48:695.
	bu	colchicerine	CA 44:800.
	bu, fl	colchicine	CA 49:9605.
	bu	compounds C, F, S	CA 49:9605.
	fl	demecolcine	CA 49:9605.
	bu	speciosine	CA 51:8119.
2070. *Colchicum variegatum* L.	*bu*	colchicine	Sant.
	sd	colchicine	LCSJ 80 II:679.

2071. *Colchicum veratrifolium*	*sd*	colchicine	LCSJ 80 II:679.
2072. *Colchicum vernum* Kunth	*bu*	colchicine	CA 46:9264.
2073. *Colchicum* sp	*sd*	O-demethyl-N-methyldeacetyl-colchicine	CA 50:4107.
2074. *Cordyline terminalis* Kunth	*l*	unn	Webb 268.
2075. *Dianella caerulea* Sims	*l, fr, r*	unn	Webb 241, 268.
2076. *Drimia* sp	*bu*	unn	Wall 13.
2076A. *Erythronium americanum* Ker	*l, s*	unn	Wall 55.
2077. *Eustrephus latifolius* R. Br	*l, s, r, fr*	unn	Webb 241.
2078. *Fritillaria caucasica* Adam		unn	CA 48:11727.
2079. *Fritillaria imperialis* L	*bu*	imperialine	CA 53:7503.
	bu	imperoline	Ber 91:1968.
	bu	imperonine	Ber 91:1968.
	bu	peiminine(?)	Ber 91:1968.
2079A. *Fritillaria meleagris* L		imperialine	CA 53:5591.
		unn	CA 53:5591.
2080. *Fritillaria racemosa* Sm		unn	CA 48:11727.
2081. *Fritillaria raddeana* Regel	*bu*	alvanidine	CA 50:13971.
	bu	alvanine	CA 50:13971.
	bu	raddeamine	CA 50:13971.
	bu	raddeanine	CA 50:13971.
2082. *Fritillaria roylei* Hook		fritimine	We Sup 90.
		peimidine	Henry 733.
		peimine	Henry 732; CA 51: 444.
		peiminine	Henry 732; CA 51: 444.
		peimiphine	Henry 733.
		peimisine	Henry 733.
		peimitidine	Henry 733.
2083. *Fritillaria sewerzowii* Regel	*bu*	alginine	M-H V 309.
2084. *Fritillaria thunbergii* Miq. (?) (si-pei-mu)		sipeimine	CA 51:445.
2085. *Fritillaria usuriensis* Maxim	*bu*	peimine	CA 51:444.
2086. *Fritillaria verticillata* Willd		fritillarine	Henry 732.
	bu	fritilline	Merck.
		verticilline	Henry 732.
		verticine	Henry 732.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LILIACEAE—Continued			
2087. *Fritillaria* spp.	*bu*	beilupeimine	CA 51:444.
	bu	chinpeimine	CA 51:444.
		colchicine	M-H II 263.
	bu	fritiminine	CA 51:444.
		minpeimine	CA 53:647.
		minpeiminine	CA 53:647.
	bu	sonpeimine	CA 51:444.
	bu	unn	CA 51:444.
2088. *Gloriosa rothschildiana* O'Brien	*bu*	colchicine	CA 47:12537.
	bu	demethylcolchicine	CA 47:12537.
	bu	N-formyldesacetylcolchicine	CA 47:12537.
2089. *Gloriosa simplex* L.	*bu*	colchicine	CA 47:12537.
	bu	demethylcolchicine	CA 47:12537.
	bu	N-formyldesacetylcolchicine	CA 47:12537.
2090. *Gloriosa superba* L.	*bu*	colchicine	CA 52:655.
	bu	demethylcolchicine	CA 52:655.
	fl, bu	N-formyldesacetylcolchicine	CA 52:655.
	bu	gloriosine	CA 48:2078.
	fl, bu	lumicolchicine	CA 52:655.
	bu	unn	CA 50:378.
2091. *Gloriosa virescens* Lindl.		colchicine	CA 50:4453.
	s, fl, r	unn	Webb 268.
2092. *Gloriosa* sp.	*rh*	unn	Wall 13.
2093. *Hemerocallis* sp.		colchicine	M-H II 263.
	bu	unn	Wall 13.
2094. *Iphigenia indica* A. Gray	*w*	unn	Webb 241.
2095. *Kreysigia multiflora* Reichb.	*l, s, r*	unn	Webb 241, 268.
2095A. *Lilium superbum* L.	*l, s, fl, r*	unn	Wall 55.
2096. *Litonia modesta* Hook.	*bu*	colchicine	CA 51:2951.
2097. *Lloydia* sp.		colchicine	M-H II 263.
2097A. *Melanthium virginicum* L.	*l, s, fl, r*	unn	Wall 55.
2098. *Merendera attica* Boiss. & Sprun.	*bu*	colchicine	CA 46:9264.

2099. *Merendera bulbocodium* Ram	*bu*	colchicine	Sant.
2100. *Merendera caucasica* Bieb	*l, bu*	colchicine	M-H II 263.
2101. *Merendera kesselringii* Regel	*l*	colchicine	Sant.
2102. *Merendera persica* Boiss	*bu*	colchicine	Sant.
2103. *Merendera robusta* Bunge	*l, sd, bu*	colchicine	Sant.
2104. *Merendera sobolifera* Fisch. & Mey	*l, bu*	colchicine	CA 46:9264.
2105. *Merendera trigyna* Woronov	*sd*	colchicine	CA 51:8377.
2106. *Muscari* sp		colchicine	M-H II 263.
		unn	CA 48:11727.
2107. *Nolina texana* S. Wats	*s*	unn	Wall 13.
2107A. *Ophiopogon virosa* (*Flueggea virosa* Baill.)	*b*	flueggeine	CA 49:16345.
	b	unn	CA 49:16345.
2108. *Ornithogalum* sp		colchicine	M-H II 263.
2109. *Rhipogonum discolor* F. Muell	*l*	unn	Webb 268.
2110. *Rhodea japonica* Roth	*w*	unn	Wall 13.
2111. *Ruscus hypoglossum* L	*w*	unn	Wall 13.
2112. *Sabadilla officinarum* Brandt & Ratzeb	*sd*	unn	We Sup 178.
2113. *Sansevieria zeylanica* Willd	*r*	unn	Henry 782.
2114. *Schoenocaulon officinale* A. Gray	*sd*	cevacine	ACSJ 75:5519.
	sd	cevadilline	Henry 701.
	sd	cevadine	Henry 701.
	sd	cevine	Henry 701.
	sd	dehydrocevagenine	CA 50:7114.
	sd	hydroalkamine S	CA 50:7114.
	sd	neosabadine	Archiv Pharm 291:288.
	sd	protocevine	ACSJ 75:5519.
	sd	sabadine	Henry 701.
	sd	sabatine	APAJ 48:303.
	sd	sabine	APAJ 48:303.
	sd	vanilloylveracevine	Quart Rev 12:34.
	sd	veracevine	Quart Rev 12:34.
	sd	veragermine	Quart Rev 12:34.
	sd	veratridine	Henry 701.
2115. *Scilla lancifolia* (*S. lanceaefolia* Baker)	*bu*	unn	Wall 13.
2116. *Scilla maritima* L		caffeine	Orekhov 659.
2117. *Smilax australis* R. Br	*l*	unn	Webb 268.
2118. *Smilax pseudo-china* L	*r*	unn	Henry 782.
2119. *Stypandra glauca* R. Br	*l, s, r*	unn	Webb 241.
2120. *Tofieldia* sp		colchicine	M-H II 263.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LILIACEAE—Continued			
2121. *Tulipa gesneriana* L.		tulipine	Orekhov 724.
2122. *Tulipa* sp.		colchicine	CA 25:4657.
2123. *Urginea altissima* Baker	*bu*	unn	Wall 13.
2124. *Urginea* sp.	*bu*	unn	Wall 13.
2125. *Veratrum album* L.	*l*	alkaloid X	CA 51:3087.
		angeloylzygadenine	CA 52:1551.
		deacetylgermitetrine	CA 50:14789.
		deacetylneoprotoveratrine	CA 50:14789.
		deacetylprotoveratrine	CA 50:14789.
	r	geralbine	CA 48:5876.
	rh	germerine	Henry 701.
	rh	germine	Henry 701.
	rh	germitetrine	CA 50:14789.
	rh	isorubijervine	Henry 701.
	rh	jervine	Henry 701.
		neogermbudine	ACSJ 78:1621.
		protoveratridine	Henry 701.
	rh	protoveratrine	Henry 701.
	l	protoveratrine A, B	CA 51:3087.
	rh	ψ-jervine	Henry 701.
	rh	rubijervine	Henry 701.
	r	rubiverine	CA 52:12882.
	r	synaine	CA 52:12882.
	r	veralbidine	CA 48:2078.
		veratetrine	CA 50:14789.
		veratramine	CA 52:1551.
		veratridine	Quart Rev 12:34.
	r	veratrobasine	CA 48:5876.
	r	veratroylzygadenine	CA 48:11440.
	r	verine	CA 52:12882.
	l	unn	CA 51:12429.
		unn. (2)	CA 52:1551.

2126. *Veratrum anthenicum*		colchicine	M-H II 263.
2127. *Veratrum eschscholtzii* A. Gray	*r*	escholerine	CA 49:5499.
		isorubijervine	Quart Rev 12:34.
	r	isorubijervosine	CA 48:5196.
		jervine	Quart Rev 12:34.
	r	neogermitrine	CA 49:5499.
		ψ-jervine	Quart Rev 12:34.
		rubijervine	Quart Rev 12:34.
		veratramine	Quart Rev 12:34.
		veratrosine	Quart Rev 12:34.
	r	veratroylzygadenine	CA 49:5499.
2128. *Veratrum fimbriatum* A. Gray	*r*	germanitrine	ACSJ 75:4925.
	r	germinitrine	ACSJ 75:4925.
	r	jervine	ACSJ 75:4925.
	r	neogermitrine	ACSJ 75:4925.
	r	ψ-jervine	ACSJ 75:4925.
	r	veratroylzygadenine	ACSJ 75:4925.
2129. *Veratrum grandiflorum* (Maxim.) O. Loes.	*r*	jervine	Henry 701.
	r	veratramine	CA 34:3275.
2130. *Veratrum japonicum* O. Loes.	*rh*	unn	CA 49:3472.
2131. *Veratrum lobelianum* Bernh.	*r, bu*	jervine	Henry 701.
	l, s, r	protoveratrine	CA 45:8209.
2132. *Veratrum nigrum* L.		germerine	Quart Rev 12:34.
		jervine	Henry 701.
		rubijervine	Quart Rev 12:34.
		veratroylzygadenine	Quart Rev 12:34.
	sd	unn	CA 44:9517.
2133. *Veratrum sabadilla* Retz.		unn	Orekhov 718.
2134. *Veratrum stamineum* Maxim.	*rh*	jervine	CA 49:3471.
	rh	veratramine	CA 49:3471.
2135. *Veratrum viride* Ait.	*r*	cevadine	Henry 701.
	r	deacetylneoprotoveratrine	CA 48:10035.
	r	germbudine	Quart Rev 12:34.
	r	germerine	CA 48:2734.
	r	germidine	CA 45:3398.
	r	germine	Henry 701.
	r	germitrine	CA 45:3398.
	r	isogermidine	CA 48:2734.
		jervine	Quart Rev 12:34.
	r	neogermbudine	ACSJ 77:3348.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LILIACEAE—Continued			
2135. *Veratrum viride* Ait.—Continued	*r*	neogermitrine	CA 47:9559.
	r	protoveratridine	Henry 701.
	r	protoveratrine A and B	Quart Rev 12:34.
	r	ψ-jervine	Henry 701.
	r	rubijervine	Henry 701.
	r	veratetrine	CA 48:2734.
	r	veratramine	Henry 701.
	r	veratridine	Henry 701.
	r	veratrosine	Henry 701.
	r	unn	CI 1953:488.
2136. *Veratrum* spp.		tienmulilmine	CA 52:6716.
		tienmulilminine	CA 52:6716.
2137. *Zygadenus elegans* Pursh		veragenine	CA 50:4991.
		zygadenine	Quart Rev 12:34.
		unn	BA 9:14508.
2138. *Zygadenus gramineus* Rydb.	*w, r*	unn	CA 50:4995.
2139. *Zygadenus intermedius* Rydb.	*bu*	zygadenine	SDAC 35:124.
2140. *Zyadenus mexicanus* Hemsl.	*l*	zygadenine	Merck.
2141. *Zygadenus paniculatus* S. Wats.		zygadenine	Falck 27.
		isogermidine	Quart Rev 12:34.
	l, s, fl	neogermidine	ACSJ 77:755.
	l, s, fl	neogermitrine	ACSJ 77:755.
	l, s, fl	vanilloylzygadenine	ACSJ 77:755.
	l, s, fl	veratroylzygadenine	ACSJ 77:755.
	l, s, fl	zygacine	ACSJ 77:755.
2142. *Zygadenus sibiricus* A. Gray		zygadenine	Quart Rev 12:34.
2143. *Zygadenus venenosus* S. Wats.		unn	Henry 779.
		germidine	CA 47:11542.
		germine	CA 48:2729.
		neogermidine	CA 47:11542.
		neogermitrine	CA 47:11542.
		protoveratridine	CA 47:11542.

		----------	protoveratrine A, B	Quart Rev 12:34.
		----------	vanilloylzygadenine	CA 48:2729.
		----------	veratroylzygadenine	CA 48:2729.
		----------	zygacine	CA 50:1855.
		----------	zygadenine	CA 48:2729.
	LOGANIACEAE			
2144.	*Buddleia madagascariensis* Lam.	*l*	unn	Webb 268.
2145.	*Fagraea cambagei* Domin	*l*	unn	Webb 241.
2146.	*Fagraea crassifolia* Blume	*l, fr, b*	unn	We 961.
2147.	*Fagraea fragrans* Roxb.	*b*	unn	We 961.
		l, s	unn	D–K.
2148.	*Fagraea imperialis* Miq.	*fr*	unn	We 960.
2149.	*Fagraea lanceolata* Blume	*l, fr, b*	unn	We 961.
2150.	*Fagraea muelleri* Benth.	*l, fr, b*	unn	Webb 268.
2151.	*Fagraea peregrina* Blume	*l, fr, b*	unn	We 961.
2152.	*Gelsemium elegans* Benth.	*l*	gelsemine	CA 48:2326.
		r, s	koumine	Henry 739.
		r	kouminicine	Henry 739.
		r	kouminidine	Henry 739.
		r	kouminine	Henry 739.
		r	kounidine	Henry 740.
		w	sempervirine	CA 48:2326.
2153.	*Gelsemium sempervirens* Ait.	*r*	gelsedine	BA 28:6851.
		r, rh	gelsemicine	CA 46:2553.
		r, rh	gelsemidine	Henry 737.
		r, rh	gelsemine	Henry 736.
		r, rh	gelseminine	Henry 736.
		r, rh	gelsevirine	CA 48:12130.
		r, rh	sempervirine	M–H II 430.
		r, rh	unn. (2)	M–H II 430.
2154.	*Geniostoma australianum* F. Muell.	----------	unn	ACSJ 75:4372.
2155.	*Logania* aff. *pusilla* R. Br.	*l*	unn	Webb 268.
2156.	*Mostuea buchholzii* Engl.	*l, s*	unn	Webb 268.
2157.	*Mostuea stimulans* A. Cheval.	----------	sempervirine	BA 25:25508.
2158.	*Spigelia anthelmia* L.	*b*	unn	CA 43:9381.
2159.	*Spigelia glabrata* Mart.	*l*	spigeline	We 961.
2160.	*Spigelia marilandica* L.	*l*	spigeline	We 961.
2161.	*Strychnos aculeata* Solered.	----------	spigeline	Henry 782.
		sd	brucine	Henry 553.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LOGANIACEAE—Continued			
2162. *Strychnos amazonica* Krukoff	*b*	alkaloids α, γ, δ, ε	CA 52; 10123.
	b	mavacurine	CA 52:10123.
		unn	CA 52:3265.
2163. *Strychnos angolensis* Gilg	*b, r*	unn	CA 47:5627.
2164. *Strychnos arborea* A. W. Hill	*l, s, b*	unn	Webb 241.
2165. *Strychnos bancroftiana* F. M. Bailey	*l, sd*	unn	Webb 241.
2166. *Strychnos castelnaei* Wedd.	*b*	unn	Henry 373.
2167. *Strychnos cinnamomifolia* Thw.		brucine	Henry 553.
		strychnine	Henry 553.
2168. *Strychnos cogens* Benth.		curare alkaloids	Orekhov 547.
2169. *Strychnos colubrina* L.		brucine	Henry 553.
		strychnine	Henry 553.
2170. *Strychnos crevauxii* G. Planch.		curare alkaloids	Orekhov 548.
2171. *Strychnos diaboli* Sandw.		diaboline	BA 28:9429.
2172. *Strychnos divaricans* Ducke		calebassine	BA 30:17561.
		curarine	BA 30:17561.
	b	eritrocurarine I	M–B.
	b	C-fluorocurarine	M–B.
	b	unn	CA 49:8319.
2173. *Strychnos erichsonii* Schomb.	*b*	unn	CSJ 1949:955.
2174. *Strychnos foresii*	*b*	curarine	M–B.
	b	fluorocurine	M–B.
	b	mavacurine	M–B.
	b	toxiferine I	M–B.
		unn (14)	BA 30:17567.
2175. *Strychnos glabra* Sagot	*b*	unn	CA 49:8319.
2176. *Strychnos gubleri* G. Planch.		curare alkaloids	Orekhov 548.
2177. *Strychnos guianensis* Baill.	*b*	brucine	P–T IV 481.
	b	curarine	M–B.
	rb	eritrocurarines I, II	Gaz Chim Ital 86:1305.

	rb	guaiacurarines I, II, III, VIII, IX.	Gaz Chim Ital 86:1305.
	b	guaiacurine	M–B.
	b	C-guaianine	CA 49:15924.
	b	strychnine	P–T IV 481.
		unn	CA 51:12437.
2178. *Strychnos* cf. *guianensis* Baill.	*b*	unn	LCSJ 1949:955.
2179. *Strychnos henningsii* Gilg		unn. (2)	Henry 553.
2180. *Strychnos hirsuta* Spruce	*b*	unn	M–B.
	b	unn	CSJ 1949:955.
2181. *Strychnos holstii* Gilg	*l, s*	condensamine	CA 46:2756.
	l, s	holstiine	CA 46:2756.
	l, s	holstiline	CA 46:2756.
	l, s	retuline	CA 46:2756.
2182. *Strychnos icaja* Baill.	*b*	brucine	BA 25:15119.
	b, l, r	strychnine	BA 25:15119.
	b	unn	BA 25:15119.
2183. *Strychnos ignatii* Berg.	*sd*	brucine	Henry 553.
	sd	strychnine	Henry 553.
2184. *Strychnos javanica*	*b*	brucine	P–T IV 481.
2185. *Strychnos jobertiana* Baill.		unn	CA 52:3265.
2186. *Strychnos lethalis* Barb. Rodr.	*b*	curalethaline	Henry 372.
	b	strychnolethaline	Henry 372.
2187. *Strychnos ligustrina* Blume	*sd, b*	brucine	Henry 553.
	b	strychnine	Henry 553.
2188. *Strychnos lucida* R. Br.	*sd*	brucine	CA 47:12411.
	fr	loganine	CA 47:12411.
	sd	strychnine	CA 47:12411.
	l	lucidine-L and -S	CA 42:7941.
2189. *Strychnos macrophylla* Barb. Rodr.	*b*	fluorocurine	CA 52:10492.
	b	macrophylline A and B	CA 52:10492.
	b	mavacurine	CA 52:10492.
2190. *Strychnos melinoniana* Baill.	*b*	C-fluorocurine	Helv 40:1167.
	b	C-mavacurine	Helv 40:1167.
	b	melinonines A and B	BA 26:19340.
	b	melinonines E, F, G, H, I, K, L, M.	Helv 40:1167.
	b	narcotine	Helv 40:1167.
	b	thebaine	Helv 40:1167.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LOGANIACEAE—Continued			
2191. *Strychnos mitscherlichii* Schomb.	*b*	C-alkaloid A, B, C, I	Karrer.
	b	C-calebassine	Karrer.
			Helv 41:26.
	b	C-curarine I	Karrer.
	b	C-fluorocurarine	Karrer.
	b	C-fluorocurinine	Karrer.
	b	mavacurine	BA 30:17561.
	b	unn. (23)	CA 49:8319.
2192. *Strychnos niederleinii* Gilg	*b*	unn	N–O.
2193. *Strychnos nux-vomica* L.	*sd*	brucine	Henry 553.
	sd	α- and β-colubrine	M–H I 376.
		novacine	CA 47:5951.
	sd	struxine	Henry 553.
	l	strychnicine	Henry 553.
	sd	strychnine	Henry 553.
	sd	ψ-strychnine	M–H I 376.
	sd	vomicine	Henry 553.
2194. *Strychnos pachycarpa* Ducke		unn	CA 52:3265.
2195. *Strychnos parvifolia* A. DC.	*b*	unn	M–B.
2196. *Strychnos peckii* B. L. Robinson		unn	CA 52:3265.
2197. *Strychnos potatorum* L.	*sd*	brucine	P–T IV 481.
2198. *Strychnos pseudo-quina* A. St. Hil.	*b, wd*	cinchonidine	CA 52:506.
	b, wd	cupreine(?)	CA 52:506.
	b, wd	quinidine	CA 52:506.
	b, wd	quinine	CA 52:506.
2199. *Strychnos psilosperma* F. Muell.	*l*	brucine	Webb 232.
	b	psilospermine	M–B.
	l	spermostrychnine	CA 47:12411.
	l	strychnicine	Webb 232.
	l	strychnine	Webb 232.
	l	strychnospermine	CA 47:12411.

	l, sd, b	unn	Webb 241.
2200. *Strychnos rheedei* C. B. Clarke	*sd, b, wd*	brucine	P–T IV 481.
	b, wd	strychnine	P–T IV 481.
2201. *Strychnos rubiginosa* A. DC.	*b*	calebassine	N–B.
	b	curarine	M–B.
	b	fluorocurine	M–B.
	b	mavacurine	M–B.
	b	unn. (16)	BA 30:17567.
2202. *Strychnos schomburgii*		curare alkaloids	Orekhov 547.
2203. *Strychnos solimoesana* Krukoff		alkaloids C, D, E, F, G	BA 31:12074.
		calebassine	BA 31:12074.
		calebassinine	BA 31:12074.
		curarine	BA 31:12074.
		fluorocurarine	BA 31:12074.
		fluorocurine	BA 31:12074.
		fluorosolimoesines I, II, III, IV	BA 31:12074.
	b	mavacurine	M–B.
		precurarine	BA 31:12074.
		premavacurines I, II, III	BA 31:12074.
		rubrocurarines I, II, III, IV	BA 31:12074.
		solimocurarine	BA 31:12074.
		solimoessines I, II, III	BA 31:12074.
	b	toxiferine I	Riss.
2204. *Strychnos subcordata* Spruce	*b*	alkaloid L	CA 52:10123.
	b	caracurine III	CA 52:10123.
	b	curarine	M–B.
	b	deacetyldiaboline	CA 52:10123.
	b	erythrocurarine III	CA 52:10123.
	b	fluorescent alkaloids I, II	CA 52:10123.
	b	fluorocordatine	CA 52:10123.
	b	fluorocurarine	CA 52:10123.
	b	fluorocurine	CA 52:10123.
	b	guaiacurarines III, IV, X	CA 52:10123.
	b	guaiacurine	M–B.
	b	mavacurine	CA 52:10123.
		unn	CA 52:3265.
2205. *Strychnos ticuté* Lesch.	*l, sd*	brucine	P–T IV 481.
	l, s, rb	strychnine	P–T IV 481.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LOGANIACEAE—Continued			
2206. *Strychnos tomentosa* Benth.	*b*	curarine	M–B.
	b	fluorocurarine	M–B.
	b	fluorocurine	M–B.
	b	toxiferine I	M–B.
2207. *Strychnos torresiana* Krukoff & Monachino		unn. (22)	BA 30:17567
2208. *Strychnos toxifera* Schomb.	*b*	unn	M–B.
	b	alkaloids A, B	Henry 382.
	b	C-alkaloids UB, X	Henry 382
	b	C-alkaloid Y	CA 49:15924.
	b	calebassine	Henry 382.
	b	calebassinine	Henry 382.
	b	caracurines I–IX	Karrer.
	b	fedamazine	CA 49:15924.
	b	fluorocurine	Henry 382.
	b	C-fluorocurine	CA 49:15924.
	b	C-mavacurine	CA 49:15924.
	b	nor-C-dihydro-toxiferine	CA 50:5994.
	b	toxiferines I–XII	LCSJ 1949: 3263.
2209. *Strychnos trinervis* (Vell.) Mart.	*b*	alkaloid J	CA 49:8319.
	b	C-calebassine	CA 49:8319.
	b	C-curarine	CA 49:8319.
	b	C-fluorocurarine	CA 49:8319.
	b	C-fluorocurarinine	CA 49:8319.
	b	fluorocurine	M–B.
	b	toxiferine H, K	CA 49:8319.
	b	unn. (16)	CA 49:8319.
2210. *Strychnos vacacoua* Baill.		bakankosine	Henry 554.
2211. *Strychnos* sp.	*b*	eucurarine	Henry 372.
2212. *Strychnos* spp. (calabash curare)	*l, s, fr*	unn	D–K.
		C-alkaloids A, B, C, D, E, F, G, H, I, J, L, M, O, P, Q, R, S, T, UB, X, Y.	Karrer.

			C-alkaloid 2	Karrer.
			C-calebassine	Karrer.
			C-calebassinine	Karrer.
			C-curarines I, II, III	Karrer.
			ψ-fluorocurine toxiferines I, II	Karrer.
			C-fluorocurine	Karrer.
			C-fluorocurinine	Karrer.
			C-guaianine	Karrer.
			C-isodihydro-toxiferine	Karrer.
			C-mavacurine	Karrer.
			C-xanthocurine	Karrer.
LORANTHACEAE				
2213. *Loranthus quandang* Lindl.		*l*	unn	Webb 241.
2214. *Loranthus* sp. on *Duboisia myoporoides* R. Br.		*l*	hyoscine	CA 47:2431.
		b	unn	Webb 268.
2215. *Loranthus* sp. on *Zanthoxylum brachyacanthum* F. Muell.		*s*	unn	Webb 268.
2216. *Notothixos subaureus* Oliver		*l*	unn	Webb 241.
2217. *Phoradendron californicum* Nutt.			tyramine	M–H III 318.
2218. *Phoradendron flavescens* Nutt.			tyramine	M–H III 318.
2219. *Phoradendron villosum* Nutt.			tyramine	M–H III 318.
2220. *Viscum album* L.			phenethylamine	M–H III 317.
			tyramine	M–H III 318.
		l	unn	I–R.
2221. *Viscum angulatum* Heyne		*l, s*	unn	Webb 241.
LYCOPODIACEAE				
2221A. *Lycopodium alopecuroides* L.		*w*	unn	Wall 55.
2222. *Lycopodium annotinum* L.		*fd*	O-acetylacrifoline	CJC 34:1189.
		fd	acrifoline	CA 47:9988.
		fd	annotine	CA 47:9988.
		fd	annotinine	CA 47:9988.
		fd	annotoxine	CA 47:9988.
		fd	isolycopodine	CA 47:9988.
		fd	L 8	CJC 31:272.
		fd	L 9, 10	CJR 21B:92.
		fd	L 28, 29, 31	CA 53:649.
		fd	lycodine	CJC 36:902.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
LYCOPODIACEAE—Continued			
2222. *Lycopodium annotinum* L.—Continued	*fd*	lycopodine	CJR 21B:92.
	fd	obscurine	CJR 21B:92.
	fd	unn. (2)	CA 47:9988.
	fd	unn. (5)	CA 53:649.
2223. *Lycopodium annotinum* var. *acrifolium* Fern.	*fd*	acrifoline	ACSJ 69:2126.
	fd	annotinine	ACSJ 69:2126.
	fd	lycopodine	ACSJ 69:2126.
	fd	L 28–31	ACSJ 69:2126.
2224. *Lycopodium cernuum* L.	*fd*	cernuine	CA 42:4594.
	fd	L 33	CA 42:4594.
	fd	nicotine	CA 42:4594.
2225. *Lycopodium clavatum* L.	*fd*	annotine	Ber 85:663.
	fd	clavatine	M–H V 297.
	fd	clavatoxine	M–H V 297.
	fd	L 13, L 18, L 19	M–H V 297.
	fd	lycopodine	M–H V 297.
	fd	nicotine	M–H V 297.
2226. *Lycopodium complanatum* L.	*fd*	complanatine	CJR 20B:87.
	fd	L 2–5	CJR 20B:87.
	fd	lycopodine	CJR 20B:87.
	fd	nicotine	CJR 20B:87.
	fd	obscurine	CJR 20B:87.
2227. *Lycopodium densum* Lam.	*fd*	L 34, 35	BA 28:6849.
	fd	lycopodine	BA 28:6849.
2228. *Lycopodium flabelliforme* (Fern.) Blanch.	*fd*	complanatine	M–H V 297.
	fd	L 2–5	M–H V 297.
	fd	lycopodine	M–H V 297.
	fd	nicotine	M–H V 297.
	fd	obscurine	M–H V 297.
2229. *Lycopodium inundatum* L.	*fd*	unn	APAJ 34:197.
	fd	unn	Wall 55.

2230. *Lycopodium lucidulum* Michx.	*fd*	L 13, L 20–25	CJR 24B:57.
	fd	lycopodine	CJR 24B:57.
	fd	nicotine	CJR 24B:57.
2231. *Lycopodium obscurum* L.	*fd*	L 13, 16, 17	CJR 22B:53.
	fd	lycopodine	CJR 22B:53.
	fd	obscurine	CJR 22B:53.
2232. *Lycopodium sabinaefolium* Willd.	*fd*	L 13, 26	CJR 24B:63.
	fd	lycopodine	CJR 24B:63.
	fd	nicotine	CJR 24B:63.
2233. *Lycopodium saururus* Lam.	*fd*	pillijanine	Henry 753.
	fd	sauroxine	Henry 753.
	fd	saururine	Henry 753.
2234. *Lycopodium selago* L.		acrifoline	CA 50:17318.
		L 8	CA 50:17318.
		lycopodine	CA 50:17318.
		ψ-selagine	CA 50:17318.
2235. *Lycopodium tristachyum* Pursh	*fd*	L 13–15	CJR 22B:1.
	fd	lycopodine	CJR 22B:1.
	fd	nicotine	CJR 22B:1.
LYTHRACEAE			
2236. *Ammannia auriculata* Willd.	*l, s, fr*	unn	Webb 268.
2237. *Ammannia pentandra* Roxb.	*w*	unn	Webb 241.
2238. *Lagerstroemia speciosa* Pers.	*s*	unn	D–K.
2239. *Lagerstroemia tomentosa* Presl	*l*	unn	D–K.
2239A. *Lythrum lanceolatum* Ell.	*l, s, r*	unn	Wall 60.
2240. *Nesaea salicifolia* H.B.K.	*l*	unn	Webb 268.
MAGNOLIACEAE			
2241. *Elmerrillia* sp.		unn	Webb PS.
2242. *Liriodendron tulipifera* L.	*b, rb*	tulipiferine	Merck.
	l	unn	Wall 55.
2242A. *Magnolia acuminata* L.	*l, s*	unn	Wall 55.
2243. *Magnolia denudata* Desr.	*b*	magnocurarine	CA 47:12288.
	r	magnoflorine	CA 51:2823.
	b	salicifoline	CA 47:12288.
	b	unn	CA 47:12288.

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Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
MAGNOLIACEAE—Continued			
2244. *Magnolia fuscata* Andr.	*l*	magnolamine	Henry 355.
	l	magnoline	Henry 354.
	l	tetrandrine	Henry 355.
2245. *Magnolia grandiflora* L.	*r*	candicine	CA 50:6475.
	b	magnoflorine	CA 50:6475.
	r, b	salicifoline	CA 50:6475.
2246. *Magnolia kobus* DC.	*b*	magnoflorine	[Tokyo] Pharm Bul 4:409.
	b	salicifoline	CA 47:12409.
2247. *Magnolia liliflora* Desr.	*b*	magnocurarine	CA 48:955.
	b, wd, r	salicifoline	CA 48:955.
	l, b	unn. (2)	CA 48:955.
2248. *Magnolia obovata* Thunb.	*b*	magnocurarine	CA 46:5059.
2249. *Magnolia parviflora* Sieb. & Zucc.	*b*	magnocurarine	CA 51:10548.
	b	magnoflorine	CA 51:10548.
2250. *Magnolia salicifolia* Maxim.	*b*	magnocurarine	CA 47:1627.
	b	salicifoline	CA 47:1627.
2251. *Magnolia stellata* Maxim.	*b*	salicifoline	CA 47:12409.
2252. *Michelia champaca* L.	*l, s, fr, sd*	unn	D–K.
2253. *Talauma mexicana* G. Don	*l*	aztequine	Henry 782.
	l	talaumine	Henry 782.
MALPIGHIACEAE			
2254. *Banisteria caapi* Spruce	*l, s*	harmaline	ACSJ 79:5735.
	b, wd	harmine	ACSJ 79:5735.
	l, s	tetrahydroharmine	ACSJ 79:5735.
2255. *Banisteria chrysophylla* Lam.	*l*	unn	Webb 241.
2256. *Banisteria lutea* Ruiz		harmine	CA 36:1389.
2257. *Banisteria metallicolor* A. Juss. (*B. lutea* Ruiz)		harmine	Henry 488.
2258. *Banisteriopsis inebrians* Morton	*s, l*	harmine	CA 48:2988.
2259. *Cabi paraensis* Ducke	*l, s*	harmine	CA 49:14906.

2260. *Lophanthera lactescens* Ducke (*L. longifolia* Griseb.)		lophanterine	Henry 776.
MALVACEAE			
2261. *Abutilon malvifolium* J. M. Black (A. *oxycarpum* F. Muell.).	*l, s*	unn	Webb 268.
2262. *Gossypium hirsutum* L.	*fr*	5-hydroxytryptamine	CR 247:1382.
2263. *Gossypium* sp.		unn	CA 42:2728.
2264. *Hibiscus diversifolius* Jacq.	*l, s*	unn	Webb 268.
2265. *Hibiscus mutabilis* L.	*l*	unn	Arthur.
2266. *Hibiscus radiatus* Willd.	*r*	unn	Webb 268.
2267. *Hibiscus sturtii* Hook.	*s*	unn	Webb 241.
2268. *Malvastrum spicatum* A. Gray	*w*	unn	Webb 241.
2269. *Malvastrum tricuspidatum* A. Gray	*l, s, sd*	unn	Webb 241.
2270. *Sida acuta* Burm. f.	*l, s, r*	unn	Webb 268.
2271. *Sida cordifolia* L.	*l*	ephedrine	Webb 232.
		ψ-ephedrine	Orekhov 672.
	w	unn	Webb 268.
2272. *Sida fibulifera* Lindl.	*l, s, fl*	unn	Webb 268.
2273. *Sida rhombifolia* L.		ephedrine	Henry 635.
	l, s, fl	unn	Wall 55.
2274. *Sida spinosa* L.	*w*	unn	Webb 268.
	l, s, fl, r	unn	Wall 55.
2275. *Urena lobata* L.	*w*	unn	Webb 268.
MELASTOMATACEAE			
2276. *Clidemia hirta* D. Don	*w*	unn	D-K.
MELIACEAE			
2277. *Aglaia sapindina* Harms (*Hearnia sapindina* F. Muell.).	*l*	unn	Webb 268.
2278. *Amoora nitidula* Benth.	*l*	unn	Webb 241, 268.
2279. *Aphanamixis grandifolia* Bl.	*fr*	unn	We 662.
2280. *Dysoxylum amooroides* Miq.	*b*	unn	We 661.
2281. *Dysoxylum decandrum* Merrill	*l, fr*	unn	Webb 241.
2282. *Dysoxylum fraseranum* Benth.	*l, fr, b*	unn	Webb 241, 268.
2283. *Dysoxylum muelleri* Benth.	*l, b*	unn	Webb 268.
2284. *Dysoxylum pettigrewianum* F. M. Bailey	*b*	unn	Webb 241.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
MELIACEAE—Continued			
2285. *Dysoxylum* spp.		unn	Webb PS.
2286. *Entandrophragma palustre* Staner	*b*	unn	CA 28:6760.
2287. *Lansium domesticum* Jack	*sd*	unn	We 662.
2288. *Melia azadirachta* L.	*fr*	azaridine	Henry 781.
	b	margosine	Henry 781.
	l	paraisine	Henry 781.
2289. *Melia indica* Brand	*l*	unn	D-K.
2290. *Naregamia alata* Wight & Arn.	*rb*	naregamine	We 661.
2291. *Owenia venosa* F Muell.	*l*	unn	Webb 241.
2292. *Ptaeroxylon obliquum* Radlk.	*b*	unn	BA 25:37655.
2293. *Sandoricum indicum* Cav.	*b*	unn	We 661.
2294. *Sandoricum nervosum* Blume	*b*	unn	We 661.
2295. *Xylocarpus granatum* Koen. (*Carapa moluccensis* Lam.).	*l*	unn	Webb 268.
2296. *Xylocarpus moluccensis* M. Roem.	*sd*	unn	Bisset 125.
MENISPERMACEAE			
2297. *Abuta* sp.		unn	BA 23:27419.
2298. *Anamirta cocculus* Wight & Arn.	*fr*	cocculine	Merck.
	fr	menispermine	Merck.
	fr	paramenispermine	Merck.
2299. *Anamirta paniculata* Colebr.	*sd*	menispermine	Henry 349.
	sd	paramenispermine	Henry 349.
2300. *Anomospermum grandifolium* Eichl.		berberine	Sokolov 119.
	s	isochondodendrine	CA 43:2626.
2301. *Archangelisia flava* Merrill	*s*	berberine	Henry 329.
		columbamine	Henry 329.
		jatrorrhizine	Henry 329.
		shobakunine	Henry 329.
2302. *Archangelisia lemniscata* Becc.	*wd*	berberine	We 335.

2303. *Burasaia madagascariensis* DC.	*wd*	burasaine	CA 51:18486.
	wd	columbamine	CR 247:2427.
	wd	jatrorrhizine	CR 247:2427.
	wd	palmatine	CR 247:2427.
2304. *Carronia multisepalea* F. Muell.	*l, s*	unn	Webb 268.
2305. *Chondodendron candicans* Sandw.	*s*	bebeerine	Henry 364.
	s	isochondodendrine	Henry 364.
2306. *Chondodendron limaciifolium* (Diels) Moldenke	*wd*	bases A, B	LCSJ 1954:159.
	wd	isochondodendrine	LCSJ 1954:159.
2307. *Chondodendron microphyllum* (Eichl.) Moldenke	*r*	bebeerine	Henry 364.
	r	isochondodendrine	Henry 364.
2308. *Chondodendron platyphyllum* Miers	*l, s, r*	bebeerine	Henry 364.
		chondodendrine	Orekhov 540.
	l	chondofoline	Henry 364.
	l, r	isochondodendrine	Henry 364.
	r	isococlaurine	Henry 364.
2309. *Chondodendron tomentosum* Ruiz & Pav.	*l*	chondocurine	Henry 377.
	r	chondodine	Merck.
	l	curine	Henry 373.
		isochondodendrine	M–H IV 224.
		methylisochondodendrine	M–H IV 227.
	s	tomentocurine	CA 43:2626.
	l	tubocurarine	Henry 374.
2310. *Cissampelos insularis* Makino		insularine	Webb 232.
		methylisochondodendrine	M–H IV 227.
2311. *Cissampelos ochiaiana* Yamamoto		insularine	Webb 232.
2312. *Cissampelos pareira* L.	*r*	bebeerine	Webb 232.
		cissampeline	Orekhov 753.
	r	hyatine	CA 50:2626.
	r	hyatinine	CA 50:2626.
		isochondodendrine	Orekhov 536.
	r	sepeerine	Webb 232.
2312A. *Cocculus carolinus* (L.) DC.	*l*	unn	Wall 55.
2313. *Cocculus diversifolius* DC.	*r*	diversine	Merck.
		isotetrandrine	Orekhov 524.
	r	kukoline	Merck.
		tetrandrine	Orekhov 524.
2314. *Cocculus hirsutus* Diels	*w*	unn	CA 51:6091.
2315. *Cocculus japonicus* DC.		isotetrandrine	Orekhov 524.
		tetrandrine	Orekhov 524.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
MENISPERMACEAE—Continued			
2316. *Cocculus laurifolius* DC.	*l*	cocculidine	CA 44:6582.
	l	cocculine	CA 44:6582.
	w, r	coclamine	CA 51:1542.
		coclanoline	CA 49:4683.
	b, wd	coclaurine	CA 48:12131.
	w, r	coclifoline	CA 51:1542.
		dihydroerysodine	CA 51:8115.
	b, wd	laurifoline	CA 48:12131.
		magnoflorine	CA 51:10004.
	b, wd	trilobine	CA 48:12131.
	b, wd	unn	CA 48:12131.
2317. *Cocculus leaeba* DC.		palmatine	M–H IV 86.
2318. *Cocculus moorei* F. Muell.	*l, b*	unn	Webb 241.
2319. *Cocculus palmatus* DC.		palmatine	Orekhov 388.
2320. *Cocculus sarmentosus* Diels		isotrilobine	Henry 350.
		menisarine	Henry 350.
		trilobine	Henry 350.
2321. *Cocculus trilobus* DC.	*s*	fangchinoline	CA 33:4257.
		isotrilobine	Henry 350.
		magnoflorine	CA 51:5098.
		menisidine	Sokolov 119.
		menisine	Sokolov 119.
		normenisarine	Henry 350.
	s	tetrandrine	CA 33:4257.
		trilobamine	Henry 350.
	r	trilobine	Henry 350.
2322. *Coscinium blumeanum* Miers		berberine	Henry 329.
		jatrorrhizine	Henry 329.
		palmatine	Henry 329.
2323. *Coscinium fenestratum* Colebr.		berberine	Henry 329.
		jatrorrhizine	Sokolov 119.
		palmatine	Sokolov 119.

2324. *Coscinium wallichianum* Miers	*s, r*	unn	D–K.
2325. *Cyclea burmanni* Miers	*r*	burmannaline	CA 49:11794.
	r	burmannine	CA 49:11794.
2326. *Cyclea insularis* (Makino) (*Paracyclea insularis* (Makino) Kudo & Yamamoto) (*Cissampelos insularis* Makino).	*rh*	cyclanoline	CA 51:9646.
	l, s	cycleanine	CA 45:2956.
	rh	insulanoline	CA 53:7219.
	rh	insularine	CA 51:9646.
	rh	isochondodendrine	CA 51:9646.
	rh	magnoflorine	CA 51:9646.
	rh	norcycleanine	CA 53:7219.
2327. *Elissarrhena grandiflora*		unn	Henry 372.
2328. *Fawcettia tinasporoides* F. Muell.	*r*	unn	Webb 268.
2329. *Fibraurea chloroleuca* Miers	*l*	jatrorrhizine	CA 44:8601.
	l	palmatine	CA 44:8601.
	s	unn	D–K.
2330. *Hypserpa cuspidata* Miers	*l*	unn	Arthur.
2331. *Hypserpa decumbens* Diels (*Adeliopsis decumbens* Benth.).	*l*	unn	Webb 268.
2332. *Hypserpa laurina* Diels (*Limacia selwynii* F. Muell.)	*b, l*	unn	Webb 241,268.
2333. *Jateorhiza colomba* Miers		jatrorrhizine	Orekhov 404.
		palmatine	Orekhov 388.
2334. *Jateorhiza palmata* Miers		columbamine	Henry 329.
		jatrorrhizine	Henry 329.
		palmatine	Henry 329.
2335. *Legnephora moorei* Miers	*rb*	isocorydine	CA 47:4603.
		veneficine	APCP 12.
	l, b	unn	Webb 241.
2336. *Legnephora* sp.	*rb*	unn	Webb PS.
2337. *Menispermum acutum* Thunb.		sinomenine	M–H IV 136.
		tuduranine	M–H IV 136.
2338. *Menispermum canadense* L.	*r*	dauricine	M–H IV 207.
	l, s	unn	Wall 55.
2339. *Menispermum dauricum* DC.	*rh*	dauricine	Henry 350.
	rh	menisperine	CA 50:4458.
	w, r	sinomenine	CA 51:1543.
		tetrandrine	Henry 350.
2340. *Menispermum palmatum* Lam.		palmatine	Orekhov 388.
2341. *Parabaena hirsuta* Diels	*r*	palmatine	CA 47:6428.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
MENISPERMACEAE—Continued			
2342. *Pericampylus glaucus* Merrill		menisidine	Orekhov 527.
		menisine	Orekhov 527.
2344. *Pleogyne cunninghamii* Miers	*r*	bebeerine	CA 45:822.
	r	isochondodendrine	CA 45:822.
	l, fr, rb	unn	Webb 241, 268.
2345. *Pycnarrhena manillensis* Vidal	*r*	ambaline	Henry 777.
		ambalinine	Henry 777
		pycnamine	Santos 94.
		pycnarrhenamine	Santos 94.
		pycnarrhenine	Santos 94.
		pycnarrhine	Santos 94.
2346. *Sarcopetalum harveyanum* F. Muell.	*l, r*	unn	Webb 268.
2347. *Sinomenium acutum* Rehd. & Wils.	*r*	acutumine	We 1307.
		cryptopalmatine	Orekhov 505.
	r	disinomenine	We 1307.
	r	diversine	We 1307.
	w	isosinomenine	CA 52:11091.
		magnoflorine	PSJJ 76:857.
	r	sinactine	We 1307.
	r	sinomenine	We 1307.
	r	tuduranine	We 1307.
2348. *Sinomenium diversifolius* Diels	*s, r*	sinomenine	M–H II 220.
2349. *Stephania aculeata* F. M. Bailey	*r*	unn	Webb 268.
2350. *Stephania capitata* Spreng.		crebanine	CA 45:3401.
		cycleanine	CA 45:3401.
		dicentrine	CA 45:3401.
		epistephanine	CA 45:5173.
		stephanine	CA 45:3401.
2351. *Stephania cephalantha* Hayata		berbamine	CA 45:5173.
		cepharanthine	Henry 350.
		cycleanine	CA 45:5173.
		isotetrandrine	Henry 350.

		methylisochondodendrine	Henry 350.
		tetrandrine	Orekhov 524.
2352. *Stephania dinkelagei* Diels	*r*	unn	CA 49:11959.
2353. *Stephania glabra* Miers	*t*	gindaricine	CA 45:823.
	t	gindarine	CA 48:14117.
	t	gindarinine	CA 48:14117.
2354. *Stephania hernandifolia* Walp.		unn	CA 45:4410.
	r	unn	Webb 241.
2355. *Stephania japonica* Miers	*s*	base VIII	Henry 361.
	s	epistephanine	Henry 361.
	s	ψ-epistephanine	Henry 361.
		hasubanonine	CA 47:5951.
	s	homostephanoline	Henry 361.
		hypoepistephanine	CA 50:14789.
		insularine	CA 50:10112.
	s	metaphanine	Henry 361.
	s	protostephanine	Henry 361.
	s	stephanine	Henry 361.
	s	stephanoline	Henry 361.
	r	steponine	CA 51:11361.
2356 *Stephania rotunda* Lour.	*r*	rotundine	CA 46:125.
2357. *Stephania sasakii* Hayata		berbamine	CA 45:5173.
		cepharanthine	Henry 350.
		crebanine	CA 45:3399.
		phanostenine	CA 45:3399.
		unn. (2)	Henry 350.
2358. *Stephania tetrandra* S. Moore		isotetrandrine	Orekhov 524.
		menisidine	Henry 350.
		menisine	Henry 350
	r	tetrandrine	Henry 350.
2359. *Stephania* sp.		unn	Webb PS.
2360. *Tiliacora acuminata* Miers	*b*	tiliacorine	Merck.
2361. *Tiliacora racemosa* Colebr.	*b, r*	tiliacorine	CA 52:7337.
		tiliacorine	CI 1959:702.
	r	unn. (2)	CA 50:1056.
2362. *Tinomiscium philippinense* Diels		unn	Kuyaganont.
2363. *Tinospora bakis* Miers	*r*	berberine	We 334.
	r	palmatine	Webb 232.
2364 *Tinospora* cf. *polygonoides* Diels	*s*	unn	Bisset 125.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
MENISPERMACEAE—Continued			
2365. *Tinospora rumphii* Boerl.	*s*	berberine	We 333.
	l	unn	We 333.
2366. *Tinospora smilacina* Benth.	*l, s, b*	unn	Webb 241.
2367. *Tinospora* spp.		palmatine	Webb 232.
		palosine	Webb 232.
		sangoline	Webb 232.
2368. *Triclisia gilletii* (DeWild.) Staner		tricliseine	Henry 778.
		triclisine	Henry 778.
MONIMIACEAE			
2369. *Atherosperma moschatum* Labill.	*b*	atherospermidine	CA 50:13059.
	b	atherosperminine	CA 50:13059.
	b	berbamine	CA 50:13059.
	b	isocorydine	CA 50:13059.
	b	isotetrandrine	CA 50:13059.
	b	spermatheridine	CA 50:13059.
	l	spermatherine	CA 50:13059.
2370. *Boldea fragrans* C. Gay	*l*	boldine	M–H IV 123.
2371. *Daphnandra aromatica* F. M. Bailey	*b*	aromoline	LCSJ 1948:2170.
	b	daphnoline	LCSJ 1948:2170.
2372. *Daphnandra dielsii* Perkins	*b*	O–methylrepandine	LCSJ 1953:695.
	b	repandinine	LCSJ 1953:695.
	b	repanduline	LCSJ 1953:693.
	b	tenuipine	LCSJ 1953:695.
	l	unn	Webb 241.
2373. *Daphnandra micrantha* Benth.	*b*	daphnandrine	LCSJ 1953:695.
	b	daphnoline	LCSJ 1953:695.
	b	micrathine	LCSJ 1953:695.
	wd, galls	unn	Webb 268.
2374. *Daphnandra repandula* F. Muell.		daphnandrine	Orekhov 527.
		daphnoline	Orekhov 527.

	b	O-methylrepandine	LCSJ 1953:695.
		micranthine	Orekhov 527.
	b	repandine	LCSJ 1953:693.
	b	repandinine	LCSJ 1953:695.
	b	repanduline	LCSJ 1953:693.
2375. *Daphnandra tenuipes* Perkins	*b*	aromoline	LCSJ 1953:695.
	l	de-N-methyltenuipine	LCSJ 1953:695.
	b	repanduline	LCSJ 1953:695.
	b	tenuipine	LCSJ 1953:695.
2376. *Doryphora sassafras* Endl.	*b*	doryphorine	Henry 320.
	l, b	unn	Webb 268.
2377. *Dryadodaphne* sp.		unn	Webb PS.
2378. *Hedycarya loxocarya* (Benth.) Francis (*Mollinedia loxocarya* Benth.).	*l*	unn	Webb 268.
2379. *Kibara macrophylla* (*Wilkiea macrophylla* A. DC.)	*l, s*	unn	Webb 241.
2380. *Laurelia novae-zelandiae* A. Cunn.	*b*	laureline	We 368.
	b	laurepukine	We 368.
	b	pukateine	We 368.
2381. *Levieria acuminata* Perkins (*Mollinedia acuminata* F. Muell.).	*l*	unn	Webb 268.
2382. *Palmeria scandens* F. Muell.	*l*	unn	Webb 268.
2383. *Peumus boldus* Molina		boldine	M–H IV 123.
	l	isocorydine	Helv 42:754.
	l	N-methyllaurotetanine	Helv 42:754.
	l	norisocorydine	Helv 42:754.
		sparteine	CA 52:5748.
2384. *Tetrasynandra laxiflora* Perkins (*Kibara laxiflora* Benth.).	*b*	unn	Webb 268.
2385. *Tetrasynandra pubescens* Perkins	*b*	unn	Webb 268.
2386. *Wilkiea hügeliana* A. DC. (*Mollinedia hügeliana* Tul.).	*l, b*	unn	Webb 268.
2387. *Wilkiea macrophylla* A. DC. (*Kibara macrophylla* Benth.).	*l, b*	unn	Webb 268.
2388. *Wilkiea* sp.	*l*	unn	Webb 268.
MORACEAE			
2389. *Ampalis madagascariensis* Boj.		unn	We 246.
2390. *Cannabis sativa* L.		nicotine	Orekhov 120.
	sd	trigonelline	Henry 7.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
MORACEAE—Continued			
2391. *Cecropia hololeuca* Miq.		cecropine	Falck 22.
2392. *Cudrania javanensis* Trée.	*l, b*	unn	Webb 268.
2393. *Ficus carica* L.		unn	CA 48:11727.
	s	unn	Wall 55.
2394. *Ficus casearia*? F. Muell.	*l, b*	unn	Webb 241.
2395. *Ficus hispida* L. f.	*l*	unn	Bisset 125.
2396. *Ficus* spp.	*b*	unn	Webb 268.
2397. *Humulus lupulus* L.		chopeine (?)	Sokolov 115.
		codeine	Orekhov 443.
		coniine	Sokolov 115.
		morphine	Orekhov 443.
	fr	unn	We 250.
2398. *Morus alba* L.		trigonelline	Sokolov 115.
	l, s	unn	Wall 55.
2399. *Pseudomorus brunoniana* Bur.	*l, b*	unn	Webb 241.
2400. *Trymatococcus amazonicus* Poepp. & Endl.		unn	Henry 372.
MORINGACEAE			
2401. *Moringa oleifera* Lam.	*rb*	unn	Chopra 334.
2402. *Moringa pterygosperma* Gaertn.	*b*	moringine	BA 31:2472.
	b	unn. (2)	Archiv Pharm 290:302.
MUCORACEAE			
2403. *Rhizopus japonicus* Vrill.	*my*	stachydrine	CA 30:136.
MUSACEAE			
2404. *Musa sapientum* L.	*fr*	5-hydroxytryptamine	Science 127:648.

MYOPORACEAE			
2405. *Eremophila bignoniflora* F. Muell.	*l, s*	unn	Webb 268.
2406. *Eremophila longifolia* F. Muell.	*l*	unn	Webb 268.
2407. *Eremophila maculata* F. Muell.	*l, s, fl*	unn	Webb 268.
2408. *Eremophila mitchellii* Benth.	*l*	unn	Webb 241.
2409. *Myoporum acuminatum* R. Br.	*l*	unn	Webb 241.
2410. *Myoporum desertii* A. Cunn.	*l, s, fr*	unn	Webb 268.
2411. *Myoporum diffusum* R. Br. (*M. debile* R. Br.)	*l, s*	unn	Webb 268.
MYRSINACEAE			
2412. *Maesa ramentacea* Wall.	*r*	unn	D–K.
2413. *Rapanea variabilis* Mez (*Myrsine variabilis* R. Br.)	*l, s*	unn	Webb 268.
MYRTACEAE			
2414. *Agonis abnormis* White & Francis	*l, s*	unn	Webb 241.
2415. *Backhousia citriodora* F. Muell.	*l*	unn	Webb 268.
2416. *Callistemon lanceolatus* Sweet	*l*	unn	PPAJ 44:104.
2417. *Eugenia cormiflora* F. Muell.	*l*	unn	Webb 268.
2418. *Eugenia cumini* Druce		jambosine	Webb 232.
2419. *Eugenia jambolana* Lam.	*sd*	unn	PPAJ 35:567.
2420. *Eugenia jambos* L.	*b*	jambosine	Merck.
2421. *Eugenia ventenatii* Benth.	*l, s*	unn	Webb 268.
2422. *Leptospermum flavescens* Sm.	*l*	unn	Webb 241.
2423. *Melaleuca bracteata* F. Muell.	*l*	unn	Webb 241.
2424. *Melaleuca nodosa* Sm.	*l, s*	unn	Webb 241.
2425. *Melaleuca uncinata* R. Br.	*l*	unn	Webb 241.
2426. *Myrtus dulcis* C. T. White	*l*	unn	Webb 268.
2427. *Pimenta officinalis* Lindl.	*fr*	unn	We 825.
2428. *Rhodomyrtus psidioides* Benth.	*b*	unn	Webb 268.
2429. *Thryptomene* sp.	*l*	unn	Webb 241.
NYCTAGINACEAE			
2430. *Boerhaavia diffusa* L.		punarnavine	Henry 772.
2431. *Boerhaavia hirsuta* L.	*r*	boerhaavine	CA 28:3521.
2432. *Boerhaavia repens* L.	*l, s, r*	unn	CA 17:2166.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
NYCTAGINACEAE—Continued			
2433. *Hermidium alipes* S. Wats.	*r*	hydroxytyramine	M–H III 323.
2434. *Mirabilis jalapa* L.	*r*	trigonelline	We 299.
	l, s, fl	unn	Wall 55.
2434A. *Mirabilis nyctaginea* (Michx.) MacM.	*l, s, fl, r*	unn	Wall 55.
2435. *Neea theifera* Oerst.	*l*	caffeine	We 299.
NYMPHAEACEAE			
2437. *Brasenia schreberi* J. F. Gmel.	*l, r*	unn	CA 50:11441.
2438. *Euryale ferox* Salisb.		drummine	Sokolov 117.
2439. *Nelumbium nelumbo* Druce	*l, r*	unn	CA 50:11441.
2440. *Nelumbium speciosum* Willd.	*sd*	nelumbine	Merck.
2441. *Nelumbo nucifera* Gaertn. (*Nelumbium speciosum* Willd.).		nelumbine	Sokolov 117.
	l	nuciferine	LCSJ 1959:2306.
	l	unn	Webb 268.
2441A. *Nuphar advena* (Ait.) Ait. f.	*l, s, fr, r*	unn	Wall 55.
2442. *Nuphar japonicum* DC.	*rh*	desoxynupharidine	CA 45:6645.
	rh	nupharidine	CA 45:6645.
2443. *Nuphar luteum* Sibth. & Sm.	*rh*	α- and β-nupharidine	Henry 758.
2444. *Nymphaea alba* L.	*rh*	nymphaeine	Henry 758.
2445. *Nymphaea tetragona* Georgi	*l, r*	unn	CA 50:11441.
OLACACEAE			
2445A. *Olax scandens* Roxb.	*l*	unn	Bisset 125.
OLEACEAE			
2445B. *Forestiera pinetorum* Small	*l, s*	unn	Wall 60.
2446. *Fraxinus americana* L.	*b*	unn	We 951.
	l, s	unn	Wall 55.
2447. *Fraxinus chinensis* Roxb.	*r*	sinine	Hocking 88.

2448. *Fraxinus molacophylla* Hemsl.			sinine	Henry 780.
2449. *Fraxinus potamophila* Herd.			unn	CA 48:11727.
2450. *Fraxinus regeli* Dippel			unn	CA 48:11727.
2451. *Jasminum bifarium* Wall.	*l*		unn	Arthur.
2452. *Jasminum glabriusculum* Blume	*l*		unn	We 958.
2453. *Jasminum officinale* L.	*l*		unn	Webb 232.
2454. *Jasminum racemosum* F. Muell.	*l, b, r*		unn	Webb 241.
2455. *Jasminum sambac* Ait.	*r*		unn	PPAJ 43:143.
2456. *Jasminum scandens* Vahl	*l*		unn	We 958.
2457. *Jasminum simplicifolium* Forst. f.	*l*		unn	Webb 268.
2458. *Jasminum suavissimum* Lindl.	*w*		unn	Webb 241.
2459. *Jasminum* sp.	*b*		unn	Webb 241.
2460. *Ligustrum robustum* Blume			unn	Webb 232.
2461. *Ligustrum* sp.	*l, b*		unn	Webb 241.
2462. *Linociera axillaris* Knobl.	*b*		unn	Webb 268.
2463. *Linociera ramiflora* Wall.	*l, b*		unn	Webb 241, 268.
2464. *Linociera* sp.	*l*		unn	Webb 241, PS.
2465. *Notelaea longifolia* Vent.	*l, s, b*		unn	Webb 268.
2466. *Notelaea microcarpa* R. Br.	*l*		unn	Webb 241.
2467. *Notelaea ovata* R. Br.	*l, s*		unn	Webb 268.
2468. *Nyctanthes arbor-tristis* L.	*l*		unn	We 959.
2470. *Olea glandulifera* Desf.	*b*		unn	We 953.
2471. *Olea paniculata* R. Br.	*b*		unn	Webb 241.
ORCHIDACEAE				
2474. *Catasetum bungerothii* N. E. Br.			unn	Klein 761.
2475. *Catasetum discolor* Lindl.			unn	Klein 761.
2476. *Catasetum hookeri* Lindl.			unn	Klein 761.
2477. *Catasetum macrocarpum* Rich.			unn	Klein 761.
2478. *Catasetum tabulare* Lindl.			unn	Klein 760.
2479. *Chysis bractescens* Lindl.	*l*		unn	Klein 760.
2480. *Corymbis* (*Corymborchis*) *veratrifolia* (Bl.) Reichb. f.	*l*		unn	Webb 268.
2481. *Cymbidium canaliculatum* R. Br.	*w*		unn	Webb 241.
2482. *Dendrobium* × *ainsworthii* T. Moore			unn	Klein 761.
2483. *Dendrobium crumenatum* Sw.	*rh*		unn	Webb 232.
	l		unn	D–K.
2484. *Dendrobium flaviflorum* Hayata			unn	Henry 724.
2485. *Dendrobium linawianum* Reichb. f.			dendrobine	Henry 724.
2486. *Dendrobium longicalcaratum* Hayata			unn	CA 29:799.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
ORCHIDACEAE—Continued			
2487. *Dendrobium monile* Kränzlin		dendrobine	Henry 724.
2488. *Dendrobium moniliforme* Sw.		dendrobine	Henry 724.
2489. *Dendrobium nobile* Lindl.		dendrobine	Orekhov 729.
2490. *Dendrobium tosaensis* Makino		unn	Henry 724.
2491. *Eria stellata* Lindl.		unn	Klein 761.
2492. *Liparis parviflora* Lindl.		unn	We 190.
2493. *Luisia brachystachys* Blume		unn	We 190.
2494. *Paphiopedilum javanicum* Pfitz.	*l*	unn	We 190.
2495. *Phalaenopsis amabilis* Blume		unn	Webb 232.
2496. *Phalaenopsis lueddemanniana* Reichb. f.	*air r*	unn	Klein 760.
2497. *Sarcochilus* sp.		unn	We 190.
OROBANCHACEAE			
2497A. *Epifagus americanus* Nutt.	*r*	unn	We 1142.
2497B. *Orobanche lutea* Baumg.	*l, s*	orobanhamine	CA 48:696.
PALMAE			
2498. *Areca catechu* L.	*sd*	arecaidine	Henry 9.
	sd	arecaine	Henry 9.
	sd	arecolidine	Henry 9.
	sd	arecoline	Henry 9.
	sd	guvacine	Henry 9.
	sd	guvacoline	Henry 9.
	sd	isoguvacine	Henry 9.
		norarecaidine	Orekhov 106.
		norarecoline	Orekhov 106.
	l, s	unn	Wall 55.
2499. *Areca* sp.	*sd*	arecoline	CA 45:3561.
2500. *Copernicia cerifera* Mart.	*r*	unn	AJP 5:965.
2501. *Phoenix vinifera* (cf. *Pseudophoenix vinifera* Becc.)	*fr*	unn	We 120.
2502. *Phytelephas macrocarpa* Ruiz & Pav.	*sd*	phytelephantine	Klein 761.
2503. *Pseudophoenix vinifera* Becc.		unn	Klein 761.

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PAPAVERACEAE			
2504. *Adlumia cirrhosa* Rafin. (*A. fungosa* Greene)	*l*	adlumidine	We 388.
	l	adlumine	We 388.
	l	α-allocryptopine	We 388.
		bicucine	Merck.
		bicuculline	Henry 169.
	l, r	protopine	We 388.
2505. *Argemone alba* Lestib.		berberine	Henry 169.
2506. *Argemone hispida* A. Gray		α-allocryptopine	Orekhov 496.
	w	argemonine	CA 45:3561.
	w	norargemonine	CA 45:3561.
2507. *Argemone mexicana* L. (*A. hispida*)	*r*	α-allocryptopine	CA 50:4990.
		argemonine	CA 45:3561.
	l, s, r	berberine	Chopra 166.
	r	chelerythrine	CA 50:4990.
		codeine	Orekhov 443.
	r	coptisine	CA 50:4990.
	r	dihydrochelerythrine	CA 50:4990.
	w	dihydrosanguinarine	CA 50:4990.
		morphine	Orekhov 443.
	fr	norargemonine	CA 45:3561.
	w	protopine	ACSJ 54:2923.
	sd, r	sanguinarine	CA 49:11789.
2508. *Argemone platyceras* Link & Otto	*w*	unn.	CA 35:4154.
2509. *Bocconia arborea* S. Wats.		α-allocryptopine	Henry 169.
		bases P61, A, B, C	Henry 169.
		chelerythrine	Henry 169.
		protopine	Henry 169.
		unn. (4)	Henry 169.
2510. *Bocconia cordata* Willd.		α-allocryptopine	Henry 169.
		chelerythrine	Henry 169.
		β-homochelidonine	APAJ 44:196.
		protopine	Henry 169.
		sanguinarine	Henry 169.
2511. *Bocconia frutescens* L.		α-allocryptopine	Henry 169.
		chelerythrine	Henry 169.
		protopine	Henry 169.
	fr, b, wd	sanguinarine	Merck 155.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2512. *Bocconia pearcei* Hutchinson		α-allocryptopine	M–H IV 79.
	b	chelerythrine	CA 41:3507.
		protopine	M–H IV 79.
2513. *Chelidonium majus* L.	*l, s*	α- and β-allocryptopine	CA 49:11673.
		berberine	Henry 169.
	r	chelerythrine	Henry 169.
		chelidamine	CA 50:13960.
	r	chelidonine	Henry 169.
		chelilutine	CA 49:10986.
		chelirubine	CA 49:10986.
	l, s	coptisine	CA 49:11673.
	r	α-homochelidonine	Henry 169.
		methoxychelidonine	Henry 169.
		oxychelidonine	Henry 169.
	w	protopine	Henry 169.
	r	sanguinarine	Henry 169.
		sparteine	Henry 169.
	l, s	stylopine	CA 49:11673.
	w	tetrahydrocoptisine	CA 51:673.
		unn	Henry 169.
2514. *Corydalis ambigua* Cham. & Schlecht		bases B, D, E, F, H, I, J, K, L, M.	Henry 170.
		coptisine	Henry 170.
		corybulbine	Henry 170.
		corydaline	Henry 170.
		corypalmine	M–H IV 79.
		dehydrocorydaline	Henry 170.
		protopine	Henry 170.
		tetrahydrocoptisine	M–H IV 79.
		tetrahydropalmatine	Henry 170.
		unn	Henry 170.

2515. *Corydalis aurea* Willd.	*l, s*	α-allocryptopine	Henry 170.
	l, s	aurotensine	Henry 170.
	l, s	bicucine	Henry 170.
	l, s	bicuculline	Henry 170.
	l, s	capauridine	Henry 170
	l, s	capaurine	Henry 170.
	l, s	cordrastine	Henry 170.
		corpaverine	M–H IV 79.
		corydaline	Henry 170.
	sd	corypalline	Henry 170.
		dehydrocorydaline	M–H IV 79.
		F 24, F 28, F 57	Henry 170.
	l, s, r	protopine	Henry 170.
	l, s	tetrahydropalmatine	Henry 170.
2516. *Corydalis bulbosa* DC.		bulbocapnine	M–H IV 79.
		protopine	M–H IV 79.
		unn. (2)	M–H IV 79.
2517. *Corydalis caseana* A. Gray	*w*	α-allocryptopine	M–H IV 80.
	w	bicuculline	M–H IV 80.
		casealutine	Orekhov 758.
	w	corypalmine	M–H IV 80.
	w	F 33, F 35	M–H IV 80.
	w	isocorypalmine	M–H IV 80.
	w	protopine	M–H IV 80.
	w	scoulerine	M–H IV 80.
	w	tetrahydropalmatine	M–H IV 80.
2518. *Corydalis cava* Schweigg. & Kort.		bicuculline	Sokolov 120.
		bulbocapnine	Sokolov 120.
		canadine	Sokolov 120.
		coptisine	Sokolov 120.
		coreximine	Orekhov 392.
		corybulbine	Merck.
		corycavamine	M–H V 92.
		corycavidine	Merck.
		corycavine	M–H V 92.
		corydaline	Merck.
		corydine	Sokolov 120.
		corypalmine	Sokolov 120.
		corytuberine	Sokolov 120.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2518. *Corydalis cava* Schweigg. & Kort.—Continued		dehydrocorydaline	Sokolov 120.
		isocorybulbine	Orekhov 417.
		isocorypalmine	Orekhov 399.
		palmatine	Orekhov 388.
		protopine	M–H V 92.
2519. *Corydalis cheilanthifolia* Hemsl.	*w*	α-allocryptopine	M–H IV 80.
	w	berberine	M–H IV 80.
	w	canadine	M–H IV 80.
	w	cheilanthifoline	M–H IV 80.
	w	corypalmine	M–H IV 80.
	w	protopine	M–H IV 80.
	w	stylopine	M–H IV 80.
	w	unn.	M–H IV 80.
2520. *Corydalis claviculata* DC.	*w*	cularine	M–H IV 80.
	w	F 52	M–H IV 80.
	w	protopine	M–H IV 80.
	w	stylopine	M–H IV 80.
2521. *Corydalis cornuta* Royle	*w, r*	protopine	M–H IV 80.
	w, r	stylopine	M–H IV 80.
2522. *Corydalis crystallina* Engelm.	*w*	bicuculline	M–H IV 80.
	w	capnoidine	M–H IV 80.
	w	protopine	M–H IV 80.
2523. *Corydalis decumbens* (Thunb.) Pers.	*t*	bulbocapnine	Henry 170.
	t	dehydrocorydaline	Henry 170.
	t	protopine	Henry 170.
	t	tetrahydropalmatine	Henry 170.
	t	unn. (2)	Henry 170.
2424. *Corydalis fabacea* (Retz.) Pers.	*t*	corydaline	We 390.
2525. *Corydalis incisa* (Thunb.) Pers.	*l, s*	adlumidine	CA 45:1150.
	l, s	corypalmine	CA 45:1150.
	l, s	F 62	CA 45:1150.
	l, s	protopine	CA 45:1150.

2526. *Corydalis lutea* DC.		corydine	Orekhov 338.
	w	isocorydine	M–H IV 80.
	w	isocorypalmine	M–H IV 80.
	w	ochrobirine	M–H IV 80.
	w	protopine	M–H IV 80.
	w	stylopine	M–H IV 80.
	w	tetrahydropalmatine	M–H IV 80.
2527. *Corydalis micrantha* A. Gray	w	capauridine	M–H IV 80.
		capaurine	Merck.
	w	F 41, 42, 43	M–H IV 80.
	w	protopine	M–H IV 80.
	w	scoulerine	M–H IV 80.
	w	tetrahydropalmatine	M–H IV 80.
2528. *Corydalis montana* Engelm.	w	capauridine	M–H IV 80.
	w	capaurimine	M–H IV 80.
	w	capaurine	M–H IV 80.
	w	corydaline	M–H IV 80.
	w	dehydrocorydaline	M–H IV 80.
	w	F 56	M–H IV 80.
	w	protopine	M–H IV 80.
	w	scoulerine	M–H IV 80.
	w	tetrahydropalmatine	M–H IV 80.
2529. *Corydalis nobilis* (Jacq.) Pers.	w	bicuculline	M–H IV 80.
		corlumidine	Orekhov 314.
	w	corlumine	M–H IV 80.
	w	corydaline	M–H IV 80.
	w	corytuberine	M–H IV 80.
	w	cryptopine	M–H IV 80.
	w	F 53, 54, 55	M–H IV 80.
	w	isocorypalmine	M–H IV 80.
	w	protopine	M–H IV 80.
	w	stylopine	M–H IV 80.
	w	tetrahydropalmatine	M–H IV 80.
2530. *Corydalis ochotensis* Turcz.	w, r	aurotensine	M–H IV 80.
	w, r	cryptocavine	M–H IV 80.
	w, r	F 49	M–H IV 80.
	w, r	ochotensimine	M–H IV 80.
	w, r	ochotensine	M–H IV 80.
	w, r	protopine	M–H IV 80.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2531. *Corydalis ochroleuca* Koch	w	bicuculline	M–H IV 80.
	w	corypalmine	M–H IV 80.
	w	F 45, 46	M–H IV 80.
	w	isocorypalmine	M–H IV 80.
	w	ochrobirine	M–H IV 80.
	w	protopine	M–H IV 80.
	w	tetrahydropalmatine	M–H IV 80.
2532. *Corydalis ophiocarpa* Hook. f. & Thoms	w	adlumine	M–H IV 80.
	w	α-allocryptopine	M–H IV 80.
	w	berberine	M–H IV 80.
	w	canadine	M–H IV 80.
	w	corypalmine	M–H IV 80.
	w	cryptocavine	M–H IV 80.
	w	F 40	M–H IV 80.
		nandinine	Orekhov 387.
	w	ophiocarpine	M–H IV 80.
	w	protopine	M–H IV 80.
2533. *Corydalis pallida* (Thunb.) Pers	w	capauridine	M–H IV 81.
	w	capaurimine	M–H IV 81.
	w	capaurine	M–H IV 81.
	w	corypalline	M–H IV 81.
	w	F 51	M–H IV 81.
	w	protopine	M–H IV 81.
	w	scoulerine	M–H IV 81.
	w	tetrahydropalmatine	M–H IV 81.
2534. *Corydalis platycarpa* Makino	w	aurotensine	M–H IV 97.
	w	bicuculline	M–H IV 81.
	w	corybulbine	M–H IV 81.
	w	corydaline	M–H IV 81.
		corydine	Orekhov 338.
		isocorybulbine	Orekhov 417.
	w	isocorydine	M–H IV 81.

	w	isocorypalmine	M–H IV 81.
	w	protopine	M–H IV 81.
	w	scoulerine	M–H IV 81.
	w	stylopine	M–H IV 81.
	w	tetrahydropalmatine	M–H IV 81.
2535. *Corydalis scouleri* Hook.	*w*	unn	M–H IV 81.
	w	adlumine	M–H IV 81.
	w	α-allocryptopine	M–H IV 81.
	w	bicuculline	M–H IV 81.
	w	capnoidine	M–H IV 81.
	w	cheilanthifoline	M–H IV 81.
	w	corlumidine	M–H IV 81.
	w	corlumine	M–H IV 81.
	w	cryptopine	M–H IV 81.
	w	protopine	M–H IV 81.
	w	scoulerine	M–H IV 81.
2536. *Corydalis sempervirens* Pers.	*w, r*	adlumine	CJR 8:407.
	w, r	bicucine	CJR 8:407.
	w, r	bicuculline	CJR 8:407.
	w, r	capnoidine	CJR 8:407.
	w, r	cryptopine	CJR 8:407.
	w, r	protopine	CJR 8:407.
	w, r	unn	CJR 8:407.
2537. *Corydalis sibirica* (Mill.) Pers.	*w*	bicuculline	M–H IV 81.
	w	cheilanthifoline	M–H IV 81.
		corlumidine	Orekhov 314.
	w	corlumine	M–H IV 81.
	w	cryptopine	M–H IV 81.
	w	F 15, 16	M–H IV 81.
	w	ochotensine	M–H IV 81.
	w	ochrobirine	M–H IV 81.
	w	protopine	M–H IV 81.
	w	scoulerine	M–H IV 81.
2538. *Corydalis solida* Sw.		α-allocryptopine	CA 50:7233.
		aurotensine	CA 50:7233.
		bulbocapnine	Henry 172.
		corydaline	CA 50:7233.
		protopine	Henry 172.
		stylopine	CA 50:7233.
		tetrahydropalmatine	CA 50:7233.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2539. *Corydalis ternata* Nakai	*bu*	α-allocryptopine	M–H IV 81.
	bu	canadine	M–H IV 81.
	bu	corydine	M–H IV 81.
		glaucentrine	Orekhov 343.
	bu	glaucine	M–H IV 81.
	bu	isocorydine	M–H IV 81.
	bu	protopine	M–H IV 81.
	bu	stylopine	M–H IV 81.
	bu	tetrahydrocoptisine	M–H IV 81.
2540. *Corydalis thalictrifolia* Jameson	*w*	adlumidine	CJR 21B:111.
		adlumine	Orekhov 313.
	w	corypalmine	CJR 21B:111.
	w	dehydrothalictrifoline	CJR 21B:111.
	w	F 59, 60	CJR 21B:111.
	w	protopine	CJR 21B:111.
	w	stylopine	CJR 21B:111.
	w	thalictrifoline	CJR 21B:111.
2541. *Corydalis tuberosa* DC.	*r*	bulbocapnine	M–H IV 81.
	r	canadine	M–H IV 81.
	r	corybulbine	M–H IV 81.
	r	corycavamine	M–H IV 81.
	r	corycavidine	M–H IV 81.
	r	corycavine	M–H IV 81.
	r	corydaline	M–H IV 81.
	r	corydine	M–H IV 81.
	r	corypalmine	M–H IV 81.
	r	corytuberine	M–H IV 81.
	r	dehydrocorydaline	M–H IV 81.
	r	glaucine	M–H IV 81.
	r	hydrohydrastinine	M–H IV 81.
	r	isocorybulbine	M–H IV 81.
	r	isocorypalmine	M–H IV 81.

	r	protopine	M–H IV 81.
	r	scoulerine	M–H IV 81.
	r	tetrahydrocoptisine	M–H IV 81.
	r	tetrahydropalmatine	M–H IV 81.
	r	thalictricavine	M–H IV 81.
	r	unn. (3)	M–H IV 81.
2542. *Corydalis vernyi* Franch. & Sav.	*t*	protopine	We 390.
2542A. *Cysticapnos vesicarius* (L.) Fedde		protopine	M–H IV 158.
2543. *Dactylicapnos macrocapnos* Hutchinson	*w, r*	α-allocryptopine	Henry 172.
	w, r	protopine	Henry 172.
	w, r	stylopine	Henry 172.
2544. *Dendromecon rigidum* Benth.	*l, s*	α-allocryptopine	CA 43: 8616.
	l, s	protopine	CA 43: 8616.
2545. *Dicentra canadensis* Walp.	*t*	bulbocapnine	M–H IV 82.
	t	corybulbine	Merck.
	t	corycavine	Merck.
	t	corydaline	Merck.
	t	corydine	M-H IV 82.
	t	corytuberine	Merck.
	t	F 22	M-H IV 82.
	t	isocorydine	M-H IV 82.
	t	protopine	M-H IV 82.
2546. *Dicentra chrysantha* Walp.	*w, r*	bicuculline	M-H IV 82.
	w, r	chrycentrine	M-H IV 82.
	w, r	cryptocavine	M-H IV 82.
	w, r	cryptopine	M-H IV 82.
	w, r	F 25	M-H IV 82.
	w, r	protopine	M-H IV 82.
2547. *Dicentra cucullaria* Bernh.	*t*	α-allocryptopine	M-H IV 82.
		bicucine	Merck.
	t	bicuculline	M-H IV 82.
	t	bulbocapnine	Merck.
		corlumidine	Orekhov 314.
	t	corlumine	M-H IV 82.
	t	corybulbine	Merck.
	t	corycavine	Merck.
	t	corydaline	Merck.
	t	corydine	Merck.
	t	corytuberine	Merck.
	t	cryptopine	M-H IV 82.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2547. *Dicentra cucullaria* Bernh.—Continued	*t*	cularidine	M-H IV 82.
	t	cularine	M-H IV 82.
	t	isocorydine	Merck.
	t	ochotensine	M-H IV 82.
	t	protopine	M-H IV 82.
2548. *Dicentra eximia* Torr.		coreximine	ACSJ 72:4796.
	r	corydine	M-H IV 82.
		cularimine	M-H IV 82.
		cularine	M-H IV 82.
	r	dicentrine	M-H IV 82.
	r	eximidine	M-H IV 82.
	r	eximine	M-H IV 82.
		F 21, 29, 30	CJR 16B:81.
		glaucentrine	M-H IV 82.
	r	glaucine	M-H IV 82.
	r	protopine	M-H IV 82.
2549. *Dicentra formosa* Walp. (*Dactylicapnos macrocapnos*).	*w, r*	α-allocryptopine	M-H IV 81.
	w	corydine	M-H IV 82.
	w	corytuberine	M-H IV 82.
	w	cularine	M-H IV 82.
	w	dicentrine	M-H IV 82.
	w	glaucentrine	M-H IV 82.
	w	glaucine	M-H IV 82.
	w	protopine	M-H IV 82.
2550. *Dicentra ochroleuca* Engelm.	*w, r*	bicuculline	M-H IV 82.
	w, r	cryptopine	M-H IV 82.
	w, r	protopine	M-H IV 82.
2551. *Dicentra oregana* Eastw.	*w, r*	α-allocryptopine	M-H IV 82.
	w, r	corydine	M-H IV 82.
	w, r	corypalmine	M-H IV 82.
	w, r	cularine	M-H IV 82.
	w, r	dicentrine	M-H IV 82.

	w, r	glaucentrine	M-H IV 82.
	w, r	glaucine	M-H IV 82.
	w, r	protopine	M-H IV 82.
2552. *Dicentra pusilla* Sieb. & Zucc.		dicentrine	Henry 173.
		protopine	Henry 173.
2553. *Dicentra spectabilis* Lem.	*l, s, r*	chelerythrine	CA 53:1640.
	l, s, r	chelilutine	CA 53:1640.
	l, s, r	chelirubine	CA 53:1640.
	l, s, r	coptisine	CA 53:1640.
	l, s, r	protopine	CA 53:1640.
	l, s, r	sanguinarine	CA 53:1640.
	l, s, r	unn. (4)	CA 53:1640.
2555. *Dicranostigma* (*Stylophorum*) *franchetianum* Fedde.	*l, s*	α-allocryptopine	CA 52:2344.
	l, s	berberine	CA 52:2344.
	l, s	chelerythrine	CA 52:2344.
		chelidonine	Henry 173.
	l, s	chelirubine	CA 52:2344.
	l, s	coptisine	CA 52:2344.
	l, s	isocorydine	CH 52:2344.
		protopine	Henry 173.
	l, s	sanguinarine	CA 52:2344.
		stylopine	Henry 173.
2556. *Eschscholzia californica* Cham.		α- and β-allocryptopine	CA 49:10987.
		chelerythrine	Henry 173.
		chelilutine	CA 49:10987.
		chelirubine	CA 49:10987.
		codeine	Orekhov 443.
		eschscholtzine	M-H IV 82.
		ionidine	Henry 173.
		morphine	Orekhov 443.
		protopine	Henry 173.
		sanguinarine	Henry 173.
		unn.	M-H IV 82.
2557. *Fumaria agraria* Lag.	*w*	protopine	CA 52:14968.
2558. *Fumaria capreolata* L.		protopine	M-H IV 158.
2559. *Fumaria micrantha* Lag.	*r*	fumaramine	CA 50:13960.
	r	protopine	CA 50:13960.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2560. *Fumaria officinalis* L.		cryptocavine	Henry 173.
		F 37, 38	Henry 173.
	w	protopine	Henry 173.
		scoulerine	Henry 173.
		sinactine	Henry 173.
		tetrahydrocoptisine	Henry 173.
2561. *Fumaria parviflora* Lam.		protopine	CA 52:18674.
2562. *Fumaria schleicheri* Soyer-Willem.	*r*	fumaramine	CA 50:13960.
	r	fumaridine	CA 50:13960.
	r	fumarinine	CA 50:13960.
	r	fumaritine	CA 50:13960.
	r	protopine	CA 50:13960.
2563. *Fumaria vaillantii* Loisel.	*r*	fumaridine	CA 50:13960.
	r	fumvailine	CA 50:13960.
	r	protopine	CA 50:13960.
2564. *Glaucium corniculatum* Curt.	*w*	α-allocryptopine	CA 50:16800.
	w	berberine	CA 50:16800.
	w, r	chelerythrine	CA 50:16800.
	w	chelidonine	CA 50:16800.
	r	chelirubine	CA 50:16800.
	w	coptisine	CA 50:16800.
	w, r	corydine	CA 50:16800.
		glaucine	Sokolov 121.
	w	isocorydine	CA 50:16800.
	w, r	protopine	CA 50:16800.
	w, r	sanguinarine	CA 50:16800.
2565. *Glaucium fimbrilligerum* Boiss.		α-allocryptopine	Henry 173.
		chelerythrine	Henry 173.
		corydine	Henry 173.
		glaucine	M–H IV 120.
		protopine	Henry 173.
		sanguinarine	Henry 173.

2566. *Glaucium flavum* Crantz	*r*	α-allocryptopine	CA 49:10987.
	r	chelerythrine	CA 49:10987.
	r	chelirubine	CA 49:10987.
		glaucentrine	Orekhov 343.
		glaucine	Henry 173.
		isocorydine	Henry 173.
		protopine	Henry 173.
	r	sanguinarine	CA 49:10987.
		scoulerine	Henry 173.
2567. *Glaucium luteum* Scop		chelerythrine	Orekhov 440.
		glaucentrine	Orekhov 342.
		glaucine	Klein 718.
		protopine	Klein 718.
		sanguinarine	Orekhov 437.
2568. *Glaucium serpieri* Heldr		glaucentrine	Orekhov 343.
		glaucine	Henry 173.
		isocorydine	Henry 173.
		protopine	Henry 173.
		scoulerine	Henry 173.
2569. *Hunnemannia fumariaefolia* Sweet		α-allocryptopine	Henry 173.
		F 58	M-H IV 83.
		hunnemannine	Henry 173.
		protopine	Henry 173.
2570. *Hypecoum erectum* L		unn	Henry 173.
2571. *Hypecoum leptocarpum* Hook. f. & Thoms		protopine	M-H IV 158.
2572. *Hypecoum procumbens* L		protopine	Henry 173.
2572A. *Hypecoum trilobum* Trautv	*s, r*	sanguinarine	CA 53:3606.
2573. *Macleya cordata* R. Br		α-allocryptopine	Orekhov 496.
		unn	CA 44:2180.
2574. *Macleya microcarpa* Fedde	*l, r*	α- and β-allocryptopine	CA 50:1050.
	r	berberine	CA 50:1050.
	l, r	chelerythrine	CA 50:1050.
	r	chelilutine	CA 50:1050.
	r	chelirubine	CA 50:1050.
	r	coptisine	CA 50:1050.
	l, r	cryptopine	CA 50:1050.
	r	macarpine	CA 50:1050.
	l, r	protopine	CA 50:1050.
	l, r	sanguinarine	CA 50:1050.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2575. *Meconopsis cambrica* (L.) Vig.	latex	unn.	CA 49:9105.
2576. *Papaver aculeatum* Thunb. (*P. horridum* DC.)	*w*	unn.	Webb 268.
2577. *Papaver armeniacum* Lam.		armepavine	Henry 173.
2578. *Papaver bracteatum* Lindl.	*l, s*	bractamine	CA 42:5037.
	l, s	bracteine	CA 42:5037.
	l, s	isothebaine	CA 42:5037.
	l, s	oripavine	CA 42:5037.
		thebaine	Orekhov 460.
2579. *Papaver caucasicum* Bieb.		floripavine	M–H IV 83.
2580. *Papaver dubium* L.		aporeidine	Orekhov 755.
	l, s, fr	aporeine	Chopra 171.
2581. *Papaver floribundum* Desf.		armepavine	Henry 173.
		floribundine	Henry 173.
		floripavidine	Henry 173.
		floripavine	Henry 173.
		oripavine	M–H IV 83.
2582. *Papaver hybridum* L.	*r*	pahybrine	CA 50:13960.
2583. *Papaver lateritium* C. Koch		rhoeadine	Henry 173.
2584. *Papaver orientale* L.	*w*	unn.	We 387.
		glaucidine	Henry 173.
	w, r	isothebaine	Merck.
		oripavine	Henry 173.
		protopine	Henry 173.
		thebaine	Henry 173.
2585. *Papaver paeoniflorum* Hort. ex Correa	*w*	codeine	Naturw 45:315.
	w	narcotine	Naturw 45:315.
	w	papaverine	Naturw 45:315.
	w	thebaine	Naturw 45:315.
2586. *Papaver pavoninum* Mey.	*r*	α-allocryptopine	CA 50:13960.
	r	protopine	CA 50:13960.
	r	roemeridine	CA 50:13960.

2587. *Papaver rhoeas* L.	*l, s, r*	coptisine	CA 53:1640.
	fr	morphine	C-B-G 172.
	fr	narcotine	C-B-G 172.
	l, s, r	protopine	CA 53:1640.
	fl, fr	rhoeadine	Archiv Pharm 290:367.
		rhoeagenine	Orekhov 755.
	fr	thebaine	C-B-G 172.
	l, s, r	unn	CA 53:1640.
2588. *Papaver setigerum* DC.	*l, s, r, fr*	morphine	Archiv Pharm 291:109.
2589. *Papaver somniferum* L.	*fr*	aporeine	Henry 178.
	fr	codamine	Henry 178.
	fr	codeine	Henry 178.
	l	codeine	CA 53:11523.
	fr	cryptopine	Henry 178.
	fr	gnoscopine	Henry 178.
	fr	hydrocotarnine	Henry 178.
	fr	lanthopine	Henry 178.
	fr	laudanidine	Henry 178.
	fr	laudanine	Henry 178.
	fr	laudanosine	Henry 178.
	fr	meconidine	Henry 178.
	fr	morphine	Henry 178.
	l	morphine	CA 53:11523.
	fr	ψ-morphine	Henry 178.
	fr	narceine	Henry 178.
	fr	narcotine	Henry 178.
	l	narcotine	CA 53:11523.
	fr	narcotoline	Henry 178.
	l	narcotoline	CA 53:11523.
	fr	neopine	Henry 178.
	fr	oxynarcotine	Henry 178.
	fr	papaveramine	Henry 178.
	fr	papaverine	Henry 178.
	fr	porphyroxine	Henry 178.
	fr	protopine	Henry 178.
	fr	rhoeadine	Henry 178.
	fr	thebaine	Henry 178.
	fr	xanthaline	Henry 178.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PAPAVERACEAE—Continued			
2589A. *Platycapnos spicatus* (L.) Bernh.		protopine	M–H IV 158.
2590. *Pteridophyllum racemosum* Sieb. & Zucc.		α-allocryptopine	M–H IV 83.
		protopine	M–H IV 83,
2591. *Roemeria hybrida* DC.	r	protopine	CA 50:13960.
	r	roemeridine	CA 50:13960.
	r	unn.	CA 50:13960.
2592. *Roemeria refracta* DC.		ephedrine	Henry 173.
		ψ-ephedrine	Henry 173.
		roemerine	Henry 173.
2593. *Sanguinaria canadensis* L.	r	α- and β-allocryptopine	C–B–G 183.
	r	chelerythrine	C–B–G 183.
	r	oxysanguinarine	C–B–G 183.
	r	protopine	C–B–G 183.
	r	sanguinarine	C–B–G 183.
		unn. (2)	CA 48:6649.
	l, s, r	unn.	Wall 55.
2594. *Sarcocapnos* spp.		protopine	Henry 173.
2595. *Stylophorum diphyllum* Nutt.		chelerythrine	Orekhov 440.
	r	chelidonine	We 388.
	r	diphylline	We 388.
	r	protopine	We 388.
	r	sanguinarine	We 388.
	r	stylopine	We 388.
2596. *Stylophorum lactucoides* Baill.	w, r	chelerythrine	CJC 32:83.
	w, r	isocorydine	CJC 32:83.
	w, r	protopine	CJC 32:83.
	w, r	sanguinarine	CJC 32:83.
PASSIFLORACEAE			
2597. *Passiflora alba* Link & Otto		passiflorine	Arzneim-Forsch 6:94.
2598. *Passiflora bryonioides* H.B.K.		passiflorine	Arzneim-Forsch 6:94.
2599. *Passiflora capsularis* L.		passiflorine	Arzneim-Forsch 6:94.

2600.	*Passiflora edulis* Sims		passiflorine	Arzneim-Forsch 6:94.
2601.	*Passiflora foetida* Vell	*l*	unn	Arthur.
2602.	*Passiflora herbertiana* Ker-Gawl	*l, s*	unn	Webb 241.
2603.	*Passiflora incarnata* L		passiflorine	CA 50:14183.
		l, s, fr, r	unn	Wall 55.
2604.	*Passiflora laurifolia* L	*l*	unn	Arthur.
2605.	*Passiflora quadrangularis* L		passiflorine	Arzneim-Forsch 6:94.
2606.	*Passiflora suberosa* L		passiflorine	Arzneim-Forsch 6:94.
		l	unn	Webb 241.
	PHYTOLACCACEAE			
2607.	*Codonocarpus australis* A. Cunn	*l, b*	unn	Webb 241.
2608.	*Gallesia gorazema* Moq	*l*	caffeine	Freise.
2609.	*Gyrostemon ramulosus* Desf	*b*	unn	Webb 268.
2610.	*Phytolacca americana* L	*l, s, r*	phytolaccine	Webv 232.
		l, s	unn	Wall 55.
2611.	*Phytolacca octandra* L	*l, fr, r*	unn	Webb 241.
2612.	*Rivina humilis* L	*l, s*	unn	Webb 241.
	PINACEAE			
2613.	*Keteleeria davidiana* (Franch.) Beissn	*l*	unn	CA 50:13372.
2614.	*Picea maximowiczii* Reg	*l*	unn	CA 50:13372.
2614A.	*Picea morrisonicola* Hayata	*l*	unn	CA 53:7514.
2615.	*Picea smithiana* Boiss	*l*	unn	CA 50:13372.
2616.	*Picea vulgaris* Link		unn	LCSJ 80 I:91.
2617.	*Pinus armandii* Franch	*l*	unn	CA 50:13372.
2618.	*Pinus attenuata* Lemmon	*l*	unn	ACSJ 77:6361.
2619.	*Pinus coulteri* D. Don	*l*	unn	ACSJ 77:6361.
2620.	*Pinus jeffreyi* A. Murr	*l*	unn	ACSJ 77:6361.
2621.	*Pinus laricio* Poir	*l*	unn	CA 50:13372.
2621A.	*Pinus massoniana* Lambert	*l*	unn	CA 53:7514.
2622.	*Pinus monophylla* Torr. & Frém	*l*	unn	ACSJ 77:6361.
2623.	*Pinus pinceana* Gord	*l*	unn	ACSJ 77:6361.
2624.	*Pinus pinea* L	*l*	unn	CA 50:13372.
2625.	*Pinus radiata* D. Don	*l*	unn	ACSJ 77:6361.
2626.	*Pinus remorata* Mason	*l*	unn	ACSJ 77:6361.
2627.	*Pinus resinosa* Ait	*l*	unn	CA 50:13372.

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Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
PINACEAE—Continued			
2628. *Pinus sabiniana* Dougl.	*l*	pinidine	ACSJ 77:6361.
	l	α-pipecoline	ACSJ 77:6361.
	l	unn	Wall 26.
2629. *Pinus torreyana* Parry	*l*	unn	ACSJ 77:6361.
PIPERACEAE			
2630. *Peperomia leptostachya* Chapm.	*l, s*	unn	Webb 268.
2631. *Piper banksii* Miq.	*l, s, fr*	unn	Webb 268.
2632. *Piper ceanothifolium* H.B.K.		unn	We 195.
2633. *Piper clusii* C. DC.	*fr*	piperine	M–H I 168.
2634. *Piper cubeba* L. f.	*fr*	piperine	BA 26:19321.
2635. *Piper famechonii* Heckel	*fr*	piperine	Henry 1.
2636. *Piper geniculata* Sw.	*rb*	piperine	Merck.
2637. *Piper guineense* Schum. & Thonn.	*fr*	piperine	BA 26:19321.
2638. *Piper jaborandii* Velli		jaborandine	CA 46:8128.
2639. *Piper longum* L.	*fr*	piperine	Henry 1.
2640. *Piper lowong* Blume		piperine	M–H I 168.
2641. *Piper marginatum* Jacq.		unn	Henry 1.
2642. *Piper methysticum* Forst. f.	*r*	unn	We 194.
2643. *Piper nigrum* L.	*fr*	chavicine	Merck.
		β-methylpyrroline	M–H I 92.
	fr	piperidine	M–H I 167.
	fr	piperine	Henry 1.
		piperovatine	Sokolov 115.
2644. *Piper novae-hollandiae* Miq.	*l, s, b*	unn	Webb 241.
2645. *Piper officinarum* C. DC.	*fr*	piperine	Henry 1.
2646. *Piper ovatum* Vahl	*l, s, r*	piperovatine	Merck.
2647. *Piper reticulatum* L.	*l*	jaborandine	We 194.
PITTOSPORACEAE			
2648. *Bursaria incana* Lindl.	*l*	unn	Webb 241.
2649. *Bursaria spinosa* Cav.	*b*	unn	Webb 241.
2650. *Hymenosporum flavum* F. Muell.	*l, s*	unn	Webb 241.

2651. *Pittosporum ferrugineum* Ait.	*l, fr, b*	unn	Webb 241, 268.
2652. *Pittosporum phillyraeoides* DC.	*fr*	unn	Webb 241.
2653. *Pittosporum rhombifolium* A. Cunn.	*l*	unn	Webb 241.
2654. *Pittosporum rubiginosum* A. Cunn.	*l*	unn	Webb 268.
2655. *Pittosporum undulatum* Vent.	*l, s, fr*	unn	Webb 268.
2656. *Pittosporum venulosum* F. Muell.	*l*	unn	Webb 268.
PLANTAGINACEAE			
2657. *Plantago indica* L.	*l, s*	indicaine	CA 48:691.
	l, s	indicamine	CA 48:691.
	l, s	plantagonine	CA 48:691.
2658. *Plantago ramosa* Aschers.	*l, fl*	indicaine	CA 51:5098.
	l, fl	plantagonine	CA 51:5098.
PLUMBAGINACEAE			
2659. *Statice brasiliensis* Boiss.	*r*	unn	Webb 232.
POLYGALACEAE			
2660. *Comesperma ericinum* DC.	*l, s, fl*	unn	Webb 268.
2660A. *Polygala rugelii* Shuttlew.	*l, s, fl, r*	unn	Wall 60.
2661. *Xanthophyllum macintyrii* F. Muell.	*l, b*	unn	Webb 241.
POLYGONACEAE			
2662. *Calligonum microcarpum* Borszcz.	*w*	unn	CA 35:4154.
2663. *Emex australis* Steinh.	*w*	unn	Webb 241.
2664. *Polygonum amphibium* L.	*w*	unn	CA 27:4270.
2665. *Polygonum hydropiper* L.	*w*	unn	Webb 268.
2666. *Polygonum orientale* L.	*l*	unn	Webb 268.
2667. *Polygonum* sp.	*l*	unn	Arthur.
2668. *Rumex brownii* Campd.	*r*	unn	Webb 268.
2669. *Rumex obtusifolius* L.	*l*	α-picoline	Nature 181:636.
2670. *Ruprechtia salicifolia* C. A. Mey.		unn	Webb 232.
POLYPODIACEAE			
2670A. *Dryopteris noveboracensis* (L.) Gray	*l*	unn	Wall 55.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
POLYPORACEAE			
2671. *Boletus edulis* Fr.	*sp*	hercynine	M–H III 202.
2672. *Boletus satanus* Rostk.	*sp*	boletine	Merck.
2673. *Polyporus frondosa*	*sp*	unn	Henry 782.
2673A. *Polyporus sulphureus* Bull	*sp*	phenethylamine	Archiv Pharm 292:260.
	sp	trigonelline	Archiv Pharm 292:260.
PONTEDERIACEAE			
2674. *Eichhornia crassipes* (Mart.) Solms	*l*	unn	Arthur.
PORTULACACEAE			
2675. *Portulaca oleracea* L.	*w*	unn	Webb 268.
PRIMULACEAE			
2676. *Cyclamen elegans* Boiss. & Buhse	*t*	unn	CA 52:8295.
PROTEACEAE			
2677. *Darlingia spectatissima* F. Muell.	*l*	unn	Webb 268.
2678. *Grevillea* sp.	*l*	unn	Webb 241.
2679. *Macadamia praealta* F. M. Bailey	*sd*	unn	Webb 232.
2680. *Persoonia tenuifolia* R. Br.	*l, s*	unn	Webb 341.
PUNICACEAE			
2681. *Punica granatum* L.		coniine	Orekhov 82.
	b	isopelletierine	CA 48:7852.
	b	methylisopelletierine	CA 48:7852.
	rb	methylpelletierine	Merck.

	b	pelletierine	CA 48:7852.
	b	ψ-pelletierine	CA 48:7852.
	b	unn. (3)	CA 49:10583.
RANUNCULACEAE			
2682. *Aconitum anthora* L.	*r*	anthorine	Henry 673.
	r	ψ-anthorine	Henry 673.
	r	atisine	M-H IV 279.
2683. *Aconitum autumnale* Reichb.		aconitine	We 316.
2684. *Aconitum balfourii* Stapf	*r*	ψ-aconitine	Henry 673.
2685. *Aconitum barbatum* Patr.		aconitine	We 317.
2686. *Aconitum callianthum* Koidz.	*r*	aconitine	Henry 673.
	r	hypaconitine	Henry 673.
	r	mesaconitine	Henry 673.
2687. *Aconitum chasmanthum* Stapf	*r*	indaconitine	Henry 673.
2688. *Aconitum chinense* Sieb.		aconitine	We 316.
2689. *Aconitum columbianum* Nutt.	*l, s, sd, r*	aconine	Muen 77.
	l, s, sd, r	aconitine	Muen 77.
2690. *Aconitum deinorrhizum* Stapf	*r*	ψ-aconitine	Henry 673.
2691. *Aconitum excelsum* Reichb.		aconitine	Orekhov 732.
	r	acsinatine	CA 52:12884.
	r	acsine	CA 52:12884.
		hypaconitine	Orekhov 732.
	r	lappaconitine	CA 52:12884.
	r	mesaconitine	CA 42:7940.
	r	unn. (2)	CA 42:7940.
2692. *Aconitum fauriei* Léveillé & Vaniot	*r*	aconitine	Henry 673.
	r	mesaconitine	Henry 673.
2693. *Aconitum ferox* Wall.	*r*	ψ-aconitine	We 318.
	r	unn.	We 318.
2694. *Aconitum firmum* Reichb.	*bu*	aconitine	CA 48:5877.
		unn.	CA 44:1229.
2695. *Aconitum fisheri* Reichb.		aconitine	Orekhov 732.
		hypaconitine	Orekhov 732.
	r	japaconitine	We 317.
	r	jesaconitine	We 317.
	r	kobusine	M-H IV 279.
		mesaconitine	Orekhov 732.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RANUNCULACEAE—Continued			
2696. *Aconitum gigas* Léveillé & Vaniot	r	lycaconitine	M–H IV 321.
2697. *Aconitum grossedentatum* (Nakai) Nakai	r	aconitine	Henry 673.
	r	hypaconitine	Henry 673.
	r	mesaconitine	Henry 673.
2698. *Aconitum hakusanense* Nakai	r	aconitine	Henry 673.
	r	hypaconitine	Henry 673.
	r	mesaconitine	Henry 673.
2699. *Aconitum heterophyllum* Wall.	r	atidine	CA 51:5780.
	r	atisine	Henry 673.
	r	heteratisine	M–H IV 279.
	r	hetisine	M–H IV 279.
2700. *Aconitum ibukiense* Nakai	r	aconitine	Henry 673.
	r	hypaconitine	Henry 673.
	r	mesaconitine	Henry 673.
2701. *Aconitum japonicum* Decne.	w	aconitine	CA 50:13372.
	w	ignavine	CA 50:13372.
	w	isohypognavine	CA 50:13372.
	w	mesaconitine	CA 50:13372.
	w	Shimoburo base II	CA 50:13372.
	w	Takawo base I and II	CA 50:13372.
2702. *Aconitum kamtschaticum* Pall.	r	hypaconitine	Henry 673.
	r	kobusine	M–H IV 279.
	r	mesaconitine	Henry 673.
2703. *Aconitum luciduscul*um Nakai	r	kobusine	M–H IV 279.
	r	ψ-kobusine	M–H IV 279.
	r	lucaconine	CA 45:9222.
	r	luciduscul*i*ne	Henry 673.
2704. *Aconitum ludlowii* Exell	r	unn	Henry 673.
2705. *Aconitum lycoctonum* L.		aconitine	Orekhov 734.
	r	lycaconitine	Henry 673.
	r	myoctonine	Henry 673.

2706. *Aconitum majimai* Nakai	*r*	aconitine	Henry 673.
	r	mesaconitine	Henry 673.
2707. *Aconitum manshuricum* Nakai	*r*	mesaconitine	Henry 673.
2708. *Aconitum maximum* Pall.		aconitine	Orekhov 732.
		hypaconitine	Orekhov 732.
		mesaconitine	Orekhov 732.
2709. *Aconitum mitakense* (?) Nakai	*w*	aconitine	CA 50:5695.
	w	ignavine	CA 50:5695.
	w	jesaconitine	CA 50:5695.
	w	mesaconitine	CA 50:5695.
2710. *Aconitum miyabei* Nakai	*r*	miyaconitine	M–H IV 279.
	r	miyaconitinone	M–H IV 279.
2711. *Aconitum mokchangense* Nakai	*r*	aconitine	Henry 673.
	r	mesaconitine	Henry 673.
2712. *Aconitum napellus* L.	*r*	aconine	Henry 673.
	r	aconitine	Henry 673.
	r	benzaconine	Henry 673.
	r	ephedrine	Henry 673.
	r	hypaconitine	M–H IV 295.
	r	mesaconitine	M–H IV 295.
	r	napelline	Henry 673.
	w	napellonine	LCSJ 1975:173.
	r	neoline	Henry 673.
	r	neopelline	Henry 673.
	r	sparteine	Henry 673.
2713. *Aconitum nemorum* Popov		aconitine	Orekhov 732.
		hypaconitine	Orekhov 732.
		mesaconitine	Orekhov 732.
	w	monoacetyltalatisamine	CA 53:9265.
	r	nemorine	CA 53:6536.
	w	talatisamine	CA 53:9265.
2714. *Aconitum orientale* Mill.		aconitine	We 316.
	r	avadharidine	CA 50:1852.
	r	avadharine	CA 50:1852.
	r	lappaconitine	CA 50:1852.
2715. *Aconitum palmatum* D. Don	*r*	palmatisine	Henry 674.
2716. *Aconitum paniculatum* Lam.	*r*	paniculatine	Henry 674.
2717. *Aconitum ponticum* Handel-Mazzetti		pontaconitine	Henry 674.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RANUNCULACEAE—Continued			
2718. *Aconitum rotundifolium* Kar. & Kir.	*w*	unn	CA 35:4154.
	w	unn. (2)	CA 53:9265.
2719. *Aconitum sachalinense* F. Schmidt	*r*	aconitine	Henry 674.
		hypaconitine	Orekhov 731.
	r	jesaconitine	Henry 674.
	r	kobusine	Henry 674.
		mesaconitine	Orekhov 731.
2720. *Aconitum sanyoënse* Nakai		Ashio bases I, II, III	CA 51:6661.
		Hanamiyama base	CA 51:6661.
		hypaconitine	CA 51:6661.
		hypognavine	CA 50:13966.
	r	ignavine	CA 49:12504.
		Kajigamori base	CA 51:6661.
		Katsuyama bases I, II	CA 51:6661.
		mesaconitine	CA 51:6661.
2721. *Aconitum senanense* Nakai	*r*	aconitine	Henry 674.
	r	hypaconitine	Henry 674.
2722. *Aconitum septentrionale* Koelle		aconitine	Orekhov 734.
	r	cynoctonine	Henry 674.
	r	lappaconitine	Henry 674.
	r	septentrionaline	Henry 674.
2723. *Aconitum seravschanicum* Steinb.	*l, s, fl*	zeravschanidine	CA 51:1539.
	l, s, fl	zeravschanine	CA 51:1539.
2724. *Aconitum soongoricum* Stapf	*t*	aconitine	CA 50:13965.
	t	monoacetylsongorine	CA 50:13965.
	r	songorine	CA 42:7940.
2725. *Aconitum spicatum* Donn	*r*	bikhaconitine	Henry 674.
2726. *Aconitum stoerckianum* Reichb.	*r*	neopelline	Henry 674.
2727. *Aconitum subcuneatum* Nakai	*r*	aconitine	Henry 674.
	r	jesaconitine	Henry 674.
	w	mesaconitine	CA 50:5695.
	w	unn. (6)	CA 50:5695.

2728. *Aconitum talassicum* Popov		aconitine	Orekhov 732.
		condelphine	M–H IV 275.
		hypaconitine	Orekhov 732.
	r	isotalatisidine	Henry 674.
		mesaconitine	Orekhov 732.
	l, s	talatisamine	CA 50:379.
	r	talatisidine	Henry 674.
	l, s	talatisine	CA 50:379.
2729. *Aconitum tasiromontanum*	*r*	aconitine	CA 47:2936.
	r	hypaconitine	CA 47:2936.
	r	ignavine	CA 47:2936.
	r	mesaconitine	CA 47:2936.
2730. *Aconitum tianschanicum* Rupr.	*r*	aconitine	Henry 674.
2731. *Aconitum tortuosum* Willd.	*r*	aconitine	Henry 674.
	r	hypaconitine	Henry 674.
	r	mesaconitine	Henry 674.
2732. *Aconitum uncinatum* L.		ψ-aconitine(?)	We 318.
2733. *Aconitum variegatum* L.	*l, r*	aconitine	We 316.
		unn	CA 44:1229.
2734. *Aconitum yezoense* Nakai		ψ-kobusine	M–H IV 287.
2735. *Aconitum zuccarinii* Nakai	*r*	aconitine	Henry 674.
	r	hypaconitine	Henry 674.
	r	mesaconitine	Henry 674.
2736. *Aconitum* spp.	*r*	isoaconitine	CA 52:14632.
	w	isohypognavine	CA 50:3477.
		Shimoburo bases I and II	CA 50:13970.
	w	Shiriya base I	CA 50:3477.
		Takao base I	CA 50:13970.
	w	unn	CA 50:3477.
2736A. *Anemonella thalictroides* (L.) Spach	*l, s*	unn	Wall 55.
2737. *Caltha palustris* L.		berberine	Sokolov 117.
		unn	C–B–G 120.
2738. *Cimicifuga dahurica* (Turcz.) Huth		unn	Sokolov 117.
2739. *Clematis angustifolia* Jacq.	*r*	unn	Henry 780.
2740. *Clematis glycinoides* DC.	*l*	unn	Webb 421.
2741. *Clematis vitalba* L.	*r*	clematine	Webb 232.
2742. *Consolida divaricata* Hayek	*l, s*	unn	I–R.
2743. *Consolida orientalis* Schröd.		unn	CA 48:11727.
2744. *Consolida persica* (Boiss.) Grossheim		unn	CA 48:11727.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RANUNCULACEAE—Continued			
2745. *Coptis anemonaefolia* Sieb. & Zucc.		berberine	We 312.
		coptine	We 312.
2746. *Coptis japonica* Makino	*rh*	berberine	Henry 328.
	rh	columbamine	Henry 328.
	rh	coptisine	Henry 328.
		coreximine	Orekhov 392.
		jatrorrhizine	CA 51:17948.
		magnoflorine	CA 51:5365.
	rh	palmatine	Henry 328.
	rh	worenine	Henry 328.
2747. *Coptis occidentalis* Torr. & Gray		berberine	Henry 328.
		coptine	Henry 328.
2748. *Coptis teeta* Wall.		berberine	Henry 328.
		coptine	Henry 328.
	rh	coptisine	BA 27:2346.
	rh	jatrorrhizine	BA 27:2346.
	rh	palmatine	BA 27:2346.
2749. *Coptis trifolia* Salisb.	*r*	umbellatine	CA 48:10034.
		berberine	Henry 328.
2750. *Delphinium ajacis* L.		coptine	Henry 328.
	sd	ajacine	Henry 694.
	sd	ajacinine	Henry 694.
	sd	ajacinoidine	Henry 694.
	sd	ajaconine	Henry 694.
	sd	bases B, C, D	Henry 694.
2751. *Delphinium andersonii* A. Gray	*w*	unn	We 320.
2752. *Delphinium barbeyi* Huth		anthranoyllycoctonine	CA 48:693.
		lycoctonine	CA 48:693.
2753. *Delphinium bicolor* Nutt.	*r*	mixture	We 321.
2754. *Delphinium biternatum* Huth	*r, w*	delbine	CA 44:1118.
	r, w	delphatine	CA 44:1118.
	r, w	unn	CA 44:1118.

2755. *Delphinium brownii* Rydb.		methyllycaconitine	M–H IV 321.
2756. *Delphinium confusum* Lowe	*r*	condelphine	M–H IV 275.
		confusine	Sokolov 117.
		isotalatisidine	M–V IV 275.
2757. *Delphinium consolida* L.	*sd*	anthranoyllycoctonine	Henry 695.
	sd	consolidine	Henry 695.
	sd	delcosine	CJC 32:780.
	sd	delsoline	Henry 695.
	sd	delsonine	Henry 695.
		unn	CA 35:4154.
2758. *Delphinium dasyanthum* Kar. & Kir.	*w*	methyllycaconitine	CA 50:1852.
2759. *Delphinium dictyocarpum* Steud.	*w*	delatine	Henry 696.
2760. *Delphinium elatum* L.	*sd*	delphelatine	CA 49:5499.
	l, s		CA 51:5099.
		delpheline	Henry 696.
	sd	elatidine	CA 50:378.
		elatine	CA 50:378.
		eldeline	CA 47:9336.
			CA 51:5099.
		methyllycaconitine	Henry 696.
	sd	unn	Henry 696.
	sd	unn	I–R.
2761. *Delphinium flexuosum* Raf.	*s*	unn	CA 48:11727.
2762. *Delphinium foetidum* Lomak.		unn	CA 48:11727.
2763. *Delphinium freynii* Huth		unn	We 320.
2764. *Delphinium geyeri* Greene	*l, r*	unn	We 320.
2765. *Delphinium glaucum* S. Wats.	*l, fl, r*	unn	Klein 714.
2766. *Delphinium hybridum* Steph.	*sd*	mixture	We 321.
2767. *Delphinium menziesii* DC.	*r*	mixture	We 320.
2768. *Delphinium nelsonii* Greene	*l, fl, fr, r*	deltaline	Henry 697.
2769. *Delphinium occidentale* S. Wats.		delsemine	CA 46:516.
2770. *Delphinium oreophilum* Huth	*r, w*	delsine	CA 46:516.
	r, w	methyllycaconitine	CA 53:9266.
	w	oreoline	CA 53:9266.
	w	unn	Klein 714.
2771. *Delphinium rhinante*	*sd*	delsemidine	CA 51:1994.
2772. *Delphinium rotundifolium*		delsemine	CA 51:1994.
2773. *Delphinium scopulorum* A. Gray	*r, sd*	mixture	We 321.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RANUNCULACEAE—Continued			
2774. *Delphinium semibarbatum* Boiss.	*w, r*	delsemine	CA 45:5366.
2775. *Delphinium staphisagria* L.	*w, r*	delsine	CA 45:5366.
	sd	delphinine	Henry 697.
	sd	delphinoidine	Henry 700.
	sd	delphisine	Henry 700.
	sd	staphisagroine	Henry 700.
	sd	staphisine	Henry 699.
	sd	unn	CA 47:1165.
2776. *Delphinium szowitsianum* Boiss.		unn	CA 48:11727.
2777. *Delphinium* sp.		delartine	CA 44:1118.
		delphamine	CA 44:1118.
2778. *Eranthis hyemalis* Salisb.		unn	Hocking 57.
2779. *Helleborus purpurascens* Waldst. & Kit.		celliamine	Sokolov 117.
		sprintillamine	Sokolov 117.
		sprintilline	Sokolov 117.
2780. *Helleborus viridis* L.	*rh*	alkaloid V	Henry 774.
	rh	celliamine	Merck.
	rh	sprintillamine	Merck.
	rh	sprintilline	Merck.
2781. *Hydrastis bonadensis* Wehmer		berberine	We 311.
2782. *Hydrastis canadensis* L.	*rh*	berberine	Henry 162.
	rh	canadine	Henry 162.
	rh	hydrastine	Henry 162.
2783. *Isopyrum biternatum* Torr. & Gray		isopyroine	Henry 775.
2784. *Isopyrum fumarioides* L.	*l, fr, r*	unn	We 313.
2785. *Isopyrum thalictroides* L.		isopyrine	Henry 775.
		ψ-isopyrine	Henry 775.
	r	isopyroine	Merck.
2786. *Nigella aristata* Sibth. & Sm.	*sd*	damascenine	We 313.
2787. *Nigella arvensis* L.	*sd*	damascenine	Merck.
2788. *Nigella caridella*	*sd*	unn	We 313.
2789. *Nigella damascena* L.	*sd*	damascenine	Henry 632.

2790. *Nigella diversifolia* Franch.	*sd*	unn	We 313.
2791. *Nigella hispanica* L.	*sd*	unn	We 313.
2792. *Nigella integrifolia* Regel	*sd*	unn	We 313.
2793. *Nigella orientalis* L.	*sd*	unn	We 313.
2794. *Nigella sativa* L.	*sd*	connigelline	Klein 712.
	sd	nigelline	Klein 712
2795. *Paeonia arborea* Donn	*sd, r*	unn	We 309.
2796. *Paeonia emodi* Wall.	*sd, r*	unn	C-B-G 134.
2797. *Paeonia peregrina* Mill.	*sd, r*	peregrinine	Klein 711.
2798. *Thalictrum alpinum* L.	*w*	unn	CA 35:4154.
2799. *Thalictrum aquilegifolium* L.	*sd, r*	unn	Klein 714.
2800. *Thalictrum flavum* L.	*r*	berberine	We 322
2801. *Thalictrum foliolosum* DC.	*rh*	berberine	Henry 328.
	rh	jatrorrhizine	BA 27:2292.
	rh	palmatine	BA 27:2292.
	rh	thalictrine	Henry 328.
2802. *Thalictrum hernandezii* Tausch	*r*	unn	Falck 28.
2803. *Thalictrum macrocarpum* Gren.	*r*	macrocarpine	We 321.
	r	thalictrine	We 321.
2804. *Thalictrum minus* L.	*r*	thalicmidine	CA 45:1608.
	r	thalicmine	CA 45:1608.
	w	thalmidine	CA 45:1608.
	w	thalmine	CA 45:1608.
2804A. *Thalictrum polygamum* Muhl.	*l, fl, r*	unn	Wall 55.
2805. *Thalictrum simplex* L.	*l, r*	thalictrinine	CA 45:1306.
2806. *Thalictrum thunbergii* DC.	*l, s, r*	magnoflorine	CA 53:5587.
2807. *Zanthorhiza apiifolia* L'Herit.		berberine	Henry 328.
RHAMNACEAE			
2808. *Alphitonia whitei* Braid	*b*	unn	Webb 268.
2809. *Ceanothus americanus* L.	*rb*	ceanothine	Henry 772.
	l, s, fl	unn	Wall 55.
	rb	unn. (8)	DA 19:1574.
2809A. *Ceanothus microphyllus* Michx.	*l, s*	unn	Wall 60.
	r	unn	Wall 60.
2810. *Ceanothus reclinatus* L'Herit.	*b*	unn	We 742.
2811. *Ceanothus velutinus* Dougl.	*rb*	unn	DA 19:1574.
2812. *Colubrina asiatica* Brongn.	*l, fl, r, b*	unn	Webb 241.
2813. *Gouania javanica* Miq.	*s*	unn	D–K.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RHAMNACEAE—Continued			
2814. *Gouania leptostachya* DC.		unn	We 742.
2815. *Paliurus* sp.		unn	CA 48:11727.
2816. *Rhamnus pallasii* Fisch. & Mey.	*s*	unn	I–R.
2817. *Rhamnus purshiana* DC.	*b*	unn	We 738.
2818. *Zizyphus mauritiana* Lam.	*l, b*	unn	Webb 241.
2819. *Ziziphus sativa* Gaertn.	*l*	unn	I–R.
RHIZOPHORACEAE			
2820. *Anisophyllea* sp.	*l, s, r*	unn	D–K.
2821. *Carallia brachiata* Merrill (*C. integerrima* DC.)	*l*	unn	Webb 268.
ROCCELLACEAE			
2822. *Roccella fusiformis* (L.) DC.		picroroccelline	Henry 777.
ROSACEAE			
2823. *Neillia longiracemosa* Hemsl.	*l*	unn	Wall 15.
2824. *Prunus mahaleb* L.	*sd*	unn	CA 47:7598.
2825. *Rosa rugosa* Thunb.	*sd*	unn	CA 44:9582.
RUBIACEAE			
2826. *Adina rubrostipulata* K. Schum.		mitraphylline	Henry 756.
2827. *Anthocephalus cadamba* Miq.		rhynchophylline	CA 52:9170.
2828. *Anthocephalus* sp.		unn	Klein 749.
2829. *Antirhea putaminosa* (F. Muell.) F. Muell.	*l, r, fr*	unn	Webb PS.
2830. *Arariba rubra* Mart.		unn	Webb 241.
2831. *Bobea hirsutissima* Teijsm. & Binn.		aribine	Sokolov 131.
		unn	Klein 749.

2832. *Borreria brachystema* Valeton (*Spermacoce brachystema* R. Br.).	*w*	unn	Webb 268.
2833. *Borreria verticillata* G. F. W. Mey.	*r*	emetine	N–O.
2834. *Bothriospora corymbosa* Hook. f.		cephaeline	CA 29:4518.
		emetine	CA 29:4518.
		psychotrine	CA 29:4518.
2835. *Canthium buxifolium* Benth.	*l, s*	unn	Webb 268.
2836. *Canthium coprosmoides* F. Muell.	*l, s*	unn	Webb 268.
2837. *Canthium odoratum* Seem.	*l, b*	unn	Webb 241, 268.
2838. *Canthium oleifolium* Hook.	*l, b*	unn	Webb 241.
2839. *Canthium vacciniifolium* F. Muell.	*l*	unn	Webb 241.
2840. *Capirona decorticans* Spruce		cephaeline	CA 29:4518.
		emetine	CA 29:4518.
		psychotrine	CA 29:4518.
2841. *Cephaelis acuminata* Karst.	*r*	cephaeline	Henry 394.
	r	emetamine	Henry 394.
	r	emetine	Henry 394.
	r	O-methylpsychotrine	Henry 394.
	r	psychotrine	Henry 394.
2842. *Cephaelis ipecacuanha* (Brot.) Rich.	*rh*	cephaeline	Henry 394.
	rh	emetamine	Henry 394.
	rh	emetine	Henry 394.
	rh	hydroipecamine	Henry 397.
	rh	ipecamine	Henry 397.
	rh	O-methylpsychotrine	Henry 394.
	rh	psychotrine	Henry 394.
	rh	unn	CI 1957:983.
2842A. *Cephalanthus occidentalis* L.	*l, s, fl*	unn	Wall 60.
2843. *Cinchona amygdalifolia* Wedd.	*b*	quinidine	We 1163.
2844. *Cinchona calisaya* Wedd.	*b*	cinchonidine	We 1158.
	b	cinchonine	We 1158.
	b	conquinamine	P–T IV 394.
	b	diconquinine	P–T IV 394.
	b	javanine	Henry 466.
	b	quinamine	M–H II 457.
	b	quinidine	We 1158.
	b	quinine	We 1158.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUBIACEAE—Continued			
2845. *Cinchona caloptera* Miq.	*b*	cinchonidine	We 1162.
		cinchonine	Ber 6:1129.
		quinidine	Ber 6:1129.
2846. *Cinchona carabayensis* Wedd.	*b*	quinine	We 1162.
	b	cinchonidine	We 1162.
	b	cinchonine	We 1162.
2847. *Cinchona condaminea* Humb. & Bonpl.	*b*	quinine	We 1162.
	b	cinchonine	We 1162.
	b	quinidine	We 1162.
2848. *Cinchona cordifolia* Mutis	*b*	quinine	We 1162.
	b	cinchonine	We 1161.
	b	quinidine	We 1161.
2849. *Cinchona corymbosa* Karst.	*b*	quinine	We 1161.
2850. *Cinchona cuprea*	*b*	quinine	We 1163.
2851. *Cinchona erythrantha* Pav.		aricine	Orekhov 798.
2852. *Cinchona erythroderma* Wedd.		quinamine	M–H II 457.
2853. *Cinchona hasskarliana* Miq.		quinamine	M–H II 457.
	b	cinchonidine	We 1162.
	b	cinchonine	We 1162.
	b	quinidine	We 1162.
2854. *Cinchona humboldtiana* Lamb.	*b*	quinine	We 1162.
	b	cinchonidine	CA 40:2932.
		cinchonine	CA 43:361.
	b	quinine	Econ Bot 2:229.
2855. *Cinchona lanceolata* Ruiz & Pav.	*b*	cinchonine	We 1161.
	b	quinine	We 1161.
2856. *Cinchona lancifolia* Mutis	*b*	cinchonidine	We 1160.
	b	cinchonine	We 1160.
	b	quinine	We 1160.
2857. *Cinchona ledgeriana* Moens	*b*	aricine [2]	Henry 419.
	b	chairamidine [2]	Henry 419.

	b	chairamine [2]	Henry 419.
	b	cinchamidine [2]	Henry 419.
	b	cinchonamine [2]	Henry 419.
	b	cinchonicine [2]	Henry 419.
	b	cinchonidine	We 1159.
	b	cinchonine	We 1159.
	b	cinchotine [2]	Henry 419.
	b	conchairamidine [2]	Henry 419.
	b	conchairamine [2]	Henry 419.
	b	concusconine [2]	Henry 419.
	b	conquinamine	Henry 466.
	b	cupreine [2]	Henry 419.
	b	cusconine [2]	Henry 419.
	b	dicinchonine [2]	Henry 419.
	b	diconquinine [2]	Henry 419.
	b	epiquinidine [2]	Henry 419.
	b	epiquinine [2]	Henry 419.
		hydrocinchonidine	Orekhov 225.
	b	hydroquinidine [2]	Henry 419.
	b	hydroquinine [2]	Henry 419.
	b	javanine	We 1159.
	b	paricine [2]	Henry 419.
	b	quinamine	We 1159.
	b	quinicine [2]	Henry 419.
	b	quinidine	We 1159.
	b	quinine	We 1159.
	sd	quinine	CA 8:987.
	b	h-quinine [2]	Henry 419.
2858. *Cinchona lucumaefolia* Pav.	b	cinchonidine	We 1163.
	b	cinchonine	We 1163.
	b	quinidine	We 1163.
	b	quinine	We 1163.
	b	quinine	BA 22:19233.
2859. *Cinchona macrocalyx* Pav.	b	cinchonidine	We 1161.
2860. *Cinchona micrantha* Ruiz & Pav.	b	cinchonine	We 1161.
	b	quinidine	We 1161.
	b	quinine	We 1161.

[2] These have been found in commercial bark. Since the botanical identity of the bark is often uncertain, these alkaloids are arbitrarily assigned to *C. ledgeriana*, although they undoubtedly occur in other species.

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Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUBIACEAE—Continued			
2861. *Cinchona nitida* Ruiz & Pav.	*b*	cinchonidine	Econ Bot. 2:229.
	b	cinchonine	We 1163.
		quinamine	M–H II 457.
	b	quinidine	Econ Bot 2:229.
	b	quinine	We 1163.
2862. *Cinchona obaldiana* Klotzsch	*b*	cinchonine	We 1163.
	b	quinine	We 1163.
2863. *Cinchona oblongifolia* Mutis	*b*	cinchonine	We 1162.
	b	quinine	We 1162.
2864. *Cinchona officinalis* L.	*b*	cinchonidine	We 1160.
	b	cinchonine	We 1160.
	b	javanine	Merck.
	b	quinamine	M–H II 457.
	b	quinidine	We 1160.
	b	quinine	We 1160.
2865. *Cinchona ovata* Ruiz & Pav.	*b*	quinidine	We 1161.
2866. *Cinchona pelletieriana* Wedd.	*b*	aricine	Henry 466.
	b	cuscamidine	Henry 466.
	b	cuscamine	Henry 466.
	b	cusconidine	Henry 466.
	b	cusconine	Henry 466.
2867. *Cinchona pitayensis* Wedd.	*b*	cinchonidine	P–T IV 397.
	b	cinchonine	P–T IV 397.
	b	quinidine	P–T IV 397.
	b	quinine	P–T IV 397.
2868. *Cinchona pubescens* Vahl		aricine	Orekhov 798.
	b	cinchonidine	CA 40:2932.
	b	cinchonine	CA 40:2932.
	b	conquinamine	Merck.
		cuscamine	Orekhov 798.
		cusconidine	Orekhov 798.

		cusconine	Orekhov 798.
	b	paricine	Merck.
	b	quinine	CA 40:2932.
2869. *Cinchona robusta* Howard	b	cinchonidine	We 1161.
	b	cinchonine	P-T IV 397.
	b	quinine	We 1161.
	b	dicinchonine	Henry 466.
2870. *Cinchona rosulenta* Howard	b	quinamine	M-H II 457.
		cinchonidine	Econ Bot 2:229.
2871. *Cinchona rufinervis* Wedd	b	cinchonine	Econ Bot 2:229.
	b	quinidine	CA 43:361.
		quinine	Econ Bot 2:229.
	b	cinchonine	We 1162.
2872. *Cinchona scrobiculata* Humb. & Bonpl	b	quinine	We 1162.
	b	cinchonidine	We 1157.
2873. *Cinchona succirubra* Pav	b	cinchonine	We 1157.
	b	cinchotine	Henry 428.
	b	conquinamine	Henry 466.
	b	dicinchonine	Henry 466.
	b	paricine	Henry 466.
	b	quinamine	M-H II 457.
		quinidine	We 1157.
	b	quinine	We 1157.
	b	cinchonidine	We 1162.
2874. *Cinchona tucujensis* Karst	b	cinchonine	We 1162.
	b	quinine	We 1162.
	b	unn	Webb 241.
2875. *Coelospermum paniculatum* F. Muell	l, s, b	unn	Webb 241.
2876. *Coelospermum reticulatum* Benth	l, b	caffeine	We 1174.
2877. *Coffea abeokutae* Craemer	sd	caffeine	We 1170.
2878. *Coffea arabica* L	l, sd, fl	trigonelline	Henry 7.
	sd	caffeine	CA 24:3534.
2879. *Coffea bengalensis* Roxb	l, b	theobromine	CA 24:3534.
	l, b	caffeine	We 1174.
2880. *Coffea canephora* Pierre	sd	caffeine	We Sup 57.
2882. *Coffea congensis* Froehner	sd	caffeine	We 1174.
2883. *Coffea excelsa* A. Cheval	sd	caffeine	We 1173.
2884. *Coffea liberica* Hiern	sd	caffeine	CA 24:3534.
	l, b	theobromine	CA 24:3534.
	l, b	trigonelline	CA 4:2128.
	sd		

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUBIACEAE—Continued			
2885. *Coffea perrieri* Drake	*l, b*	caffeine	CA 24:3534.
	l, b	theobromine	CA 24:3534.
2886. *Coffea quillon* Wester	*sd*	caffeine	We 1174.
2887. *Coffea robusta* L. Linden	*sd*	caffeine	We 1174.
	l, b	caffeine	CA 24:3534.
	l, b	theobromine	CA 24:3534.
2888. *Coffea schumanniana* Busse	*l, b*	caffeine	CA 24:3534.
	l, b	theobromine	CA 24:3534.
2889. *Coffea stenophylla* G. Don	*sd*	caffeine	We 1174.
	l, b	caffeine	CA 24:3534.
	l, b	theobromine	CA 24:3534.
2890. *Coffea ugandae* Craemer	*sd*	caffeine	We 1174.
2891. *Corynanthe macroceras* K. Schum.	*b*	yohimbine	CA 47:1338.
	b	unn	CA 47:1338.
2892. *Corynanthe pachyceras* K. Schum.	*b*	corynanthine	Dalziel 395.
2893. *Corynanthe paniculata* Welw.	*b*	paniculatine	CA 31:2747.
	b	yohimbine	CA 28:5929.
2894. *Corynanthe yohimbe* Schum.	*b*	corynantheine	Merck.
	b	corynanthine	CA 33:9306.
	b	quebrachine	CA 33:9306.
	b	allo-, iso-, α-, β-, γ-yohimbine	CA 33:9306.
2895. *Coutarea latiflora* Sessé & Moc. = *Hintonia latiflora* (Sessé & Moc.) Bullock.	*b*	quinidine	Archiv Pharm 288:535.
	b	quinine	Archiv Pharm 288:535.
2896. *Crossopteryx kotschyana* Fenzl	*b*	crossopterine	Klein 748.
2897. *Diplospora ixoroides* F. Muell.	*b*	unn	Webb 241.
2898. *Exostemma floribundum* Roem. & Schult.	*b*	unn	CA 48:2727.
2899. *Exostemma sanctae-luceae* Britten	*b, r*	unn	PR, 1948.
2900. *Exostemma souzanum* Mart.	*b*	esenbeckine	We 1167.

2901. *Ferdinandusa elliptica* Pohl		cephaeline	CA 29:4518.
		emetine	CA 29:4518.
		psychotrine	CA 39:4518.
2902. *Gaillonia szowitsii* DC		unn	CA 48:11727.
2903. *Galium geniculatum* Roem. & Schult	*l*	unn	I–R.
2904. *Gardenia jasminoides* Ellis	*l, s*	unn	D–K.
2905. *Gardenia ochreata* F. Muell	*b, fr*	unn	Webb 241.
2906. *Genipa americana* L	*sd*	caffeine	Freise.
	l	unn	D–K.
2907. *Greenea latifolia* Teijsm. & Binn		unn	Klein 749.
2908. *Grumilea aurantiaca* Miq		unn	Klein 749.
2908A. *Hamelia patens* Jacq	*l, s*	unn	Wall 60.
2909. *Hedyotis auricularia* L	*st*	auricularine	M-H V 312.
	r	hedyotine	Henry 774.
	l	unn	Webb 268.
2910. *Hedyotis galioides* Wall	*w*	unn	Webb 241.
2911. *Hedyotis latifolia* Reinw		unn	Klein 749.
2912. *Hillia illustris* K. Schum		cephaeline	CA 29:4518.
		emetine	CA 29:4518.
		psychotrine	CA 29:4518.
2913. *Hodgkinsonia frutescens* C. T. White	*l, fr, b*	unn	Webb 241.
2914. *Hodgkinsonia ovatiflora* F. Muell	*l, s*	unn	Webb 241.
2915. *Hymenodictyon excelsum* Wall		hymenodictine	Sokolov 132.
2916. *Hymenodictyon obovatum* Wall	*b*	unn	LCSJ 44:1141.
2917. *Ixora* sp	*l, s, b*	unn	Webb 268.
2918. *Ladenbergia macrocarpa* Klotzsch	*b*	paytamine	We 1165.
	b	paytine	We 1165.
2919. *Ladenbergia* spp	*b*	quinine	CA 40:431.
2920. *Leptactina densiflora* Hook. f	*l*	leptaflorine	CA 51:16498.
	r	tetrahydroharman	CA 51:16498.
2921. *Leptactina senegambica* Hook. f	*rb*	leptactinine	Henry 776.
2922. *Manettia cordifolia* Mart	*l, s, r*	emetine	P J 119:210,620.
2923. *Manettia ignita* K. Schum		emetine	P J 119:630.
2924. *Mitragyna africana* Korth		unn	Klein 749.
2925. *Mitragyna ciliata* Aubrév. & Pellegr	*b*	rhynchophylline	CA 44:7858.
	l	rotundifoline	CA 44:7858.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUBIACEAE—Continued			
2926. *Mitragyna diversifolia* Havil.		mitragynine	Orekhov 795
		mitragynol	Orekhov 795.
	l	mitraversine	We 1167.
		rhynchophylline	Orekhov 795.
		rotundifoline	Orekhov 795.
2927. *Mitragyna inermis* Kuntze		mitragynine	Sokolov 132.
		mitragynol	Orekhov 795.
		mitraversine	Sokolov 132.
		mitrinermine	Sokolov 132.
		rhynchophylline	Henry 756.
2928. *Mitragyna macrophylla* Hiern		rotundifoline	Orekhov 795.
		mitragynine	Orekhov 795.
		mitragynol	Orekhov 795.
	b	mitraphylline	We Sup 131.
		mitraversine	Orekhov 795.
		rhynchophylline	Orekhov 795.
2929. *Mitragyna parvifolia* Korth.		rotundifoline	Orekhov 795.
		mitragynine	Orekhov 795.
		mitragynol	Orekhov 795.
		mitraversine	Orekhov 795.
2930. *Mitragyna rotundifolia* Kuntze		rhynchophylline	Orekhov 795.
		mitragynine	Orekhov 795.
		mitragynol	CA 44:7858.
		mitraversine	CA 28:1041.
	l	mitrinermine	CA 34:438.
		rhynchophylline	CA 44:7858.
		rotundifoline	Henry 756.
2931. *Mitragyna rubrostipulacea* Havil.	*l*	unn	CA 34:438.
2932. *Mitragyna speciosa* Korth.	*l, b*	mitraphylline	CA 44:7858.
	l	mitragynine	CA 45:822.
		mitragynol	Orekhov 795.
	s	mitraspecine	CA 45:822.

	b, wd	mitraspecine	CA 33:1741.
		mitraversine	Orekhov 795.
		rhynchophylline	Orekhov 795.
		rotundifoline	Orekhov 795.
2933. *Mitragyna stipulosa* Kuntze		mitragynine	Orekhov 795.
		mitragynol	Orekhov 795.
		mitraversine	Orekhov 795.
		rhynchophylline	Henry 756.
		rotundifoline	Orekhov 795.
		mitrinermine	CA 28:7258.
2934. *Mitragyna* sp.	*b*	unn	Webb 268.
2935. *Morinda acutifolia* F. Muell.	*l*	unn	Webb 241.
2936. *Morinda citrifolia* L.	*l, fr*	unn	Webb 241.
2937. *Morinda jasminoides* A. Cunn.	*l*	unn	D-K.
2938. *Mussaenda villosa* Wall.	*l*	unn	Webb 268.
2939. *Neonauclea* sp. (*Nauclea gordoniana* F. M. Bailey)	*b*	biflorine	CA 47:9337.
2940. *Oldenlandia biflora* L.	*w*	biflorone	CA 47:9337.
	w	caffeine	Freise.
2941. *Oldenlandia corymbosa* L.	*l*	unn	Webb 268.
2942. *Ophiorrhiza australiana* Benth.	*l, r*	formosanine	Henry 756.
2943. *Ourouparia formosana*	*s*	gambirine	CR 245:1458.
		mitragynine	Orekhov 795.
		mitragynol	Orekhov 795.
		mitraphylline	Quart Rev 10:144.
		mitraversine	Orekhov 795.
		rhynchophylline	Quart Rev 10:144.
		rotundifoline	Orekhov 795.
	s	unn	CA 49:12775.
2944. *Ourouparia gambir* Baill.	*s*	gambirine	CA 46:4552.
2945. *Ourouparia guianensis* Aubl.	*l, s*	rhynchophylline	CA 47:7157.
2946. *Ourouparia kawakamii* (Hayata) Hamet		hanadamine	Henry 756.
		uncarine A	CA 52:7441.
2947. *Ourouparia rhyncophylla* Matsum.	*s*	isorhyncophylline	Henry 756.
		mitrgynine	Orekhov 795.
		mitragynol	Orekhov 795.
		mitraversine	Orekhov 795.
		rhynchophylline	Henry 756.
	s	rotundifoline	Orekhov 795.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUBIACEAE—Continued			
2948. *Palicourea marcgravii* A. St. Hil.	*l*	palicourine	We 1177.
2949. *Palicourea rigida* H.B.K.	*l*	douradine	Archiv Pharm 235:143.
	l	palicourine	Archiv Pharm 235:143.
2950. *Pausinystalia paniculata* Welw.		paniculatine	Henry 501.
2951. *Pausinystalia trillesii* Beille		yohimbine	Henry 501.
2952. *Pausinystalia (Corynanthe) yohimba* Pierre	*b*	yohimbine	Henry 501.
2953. *Pavetta australiensis* Bremek.	*l, b*	unn	BA 32:17473.
2954. *Pavetta tomentosa* Roxb.		unn	Webb 241.
2955. *Pavetta* sp.		unn	Klein 749.
2955A. *Pinckneya pubens* Michx.	*l, s, fr*	unn	Webb PS.
2956. *Pogonopus febrifugus* Benth. & Hook. f.	*b*	moradeine	Wall 55.
2957. *Pogonopus tubulosus* (A. Rich.) K. Schum.	*b*	pogonopamine	We 1148.
	b	pogonopeine	CA 43:5548.
	b	pogonopidine	CA 43:5548.
	b	pogonopine	CA 43:5548.
2958. *Pomax umbellata* Soland.	*w*	unn	CA 43:5548.
2959. *Pseudocinchona africana* A. Cheval.	*b*	corynantheidine	Webb 241.
	b	corynantheine	Henry 504.
	b	corynanthidine	Henry 504.
	b	corynanthine	Henry 504.
	b	corynoxeine	Henry 502.
	b	corynoxine	CA 52:9169.
	b	dihydrocorynantheine	CA 52:9169.
	b	β-yohimbine	CA 52:9169.
2960. *Pseudocinchona mayumbensis* (Good) Hamet	*b*	mayumbine	CA 52:9169.
2961. *Pseudocinchona pachyceras* A. Cheval.		corynantheine	CR 232:2354.
2962. *Pseudocinchona* sp.	*b*	mayumbine	Henry 504.
2963. *Psychotria emetica* L. f.	*r*	cephaeline	CA 46:3542.
	r	psychotrine	We 1176.
			We 1176.

2964. *Psychotria granadensis* Benth	*r*	emetine	M–H III 363.
2965. *Psychotria ipecacuanha* (Brot.) Stokes	*r*	cephaeline	Webb 232.
	r	emetamine	Webb 232.
	r	emetine	Webb 232.
	r	emetoidine	Webb 232.
	r	ipecac-alkaloid A	LCSJ 1959:1744.
	r	protoemetine	LCSJ 1959:1744.
	r	psychotrine	M–H III 364.
2966. *Psychotria tomentosa* Muell. Arg.	*r*	emetine	We 1176.
2967. *Randia benthamiana* F. Muell.	*l*	unn	Webb 268.
2968. *Randia chartacea* F. Muell.	*l, b*	unn	Webb 241.
2969. *Randia densiflora* Benth.	*l, b*	unn	Webb 241.
	l, fr	unn	Bisset 125.
2970. *Randia dumetorum* Lam.	*sd*	unn	We 1167.
2971. *Randia fitzalanii* F. Muell.	*fr*	unn	Webb 241.
2972. *Randia hirta* F. Muell.	*w*	unn	Webb 241.
2973. *Randia macrantha* DC.	*l, s*	unn	D–K.
2974. *Randia racemosa* Maxim. (*R. densiflora* Benth.)	*l, b*	unn	Webb 268.
2975. *Randia sessilis* F. Muell.	*l*	unn	Webb 268.
2976. *Randia tuberculosa* F. M. Bailey	*l*	unn	Webb 268.
2977. *Randia uliginosa* Poir.	*fr*	unn	Webb 232.
2978. *Randia* sp.		unn	Webb PS.
2979. *Remijia amazonica* K. Schum.		cephaeline	CA 29:4518.
		emetine	CA 29:4518.
		psychotrine	CA 29:4518.
2980. *Remijia bicolorata* (?) Pharm. ex Wehm.	*b*	cinchonidine	We 1164.
	b	cinchonine	We 1164.
	b	quinidine	We 1164.
	b	quinine	We 1164.
2981. *Remijia pedunculata* Flueck.	*b*	cinchonidine	CA 43:361.
	b	cinchonine	We 1164.
	b	conquinamine	We 1164.
	sd	cupreine	CA 39:151.
	b	dicinchonine	We 1164.
		homoquinine	Orekhov 228.
	b	quinamine	We 1164.
	b	quinidine	Henry 424.
	b	quinine	We 1164.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUBIACEAE—Continued			
2982. *Remijia purdieana* Wedd.	*b*	chairamidine	We 1164.
	b	chairamine	We 1164.
	b	cinchonamine	We 1164.
	b	cinchonine	We 1164.
	b	cinchotine	We 1164.
	b	conchairamidine	We 1164.
	b	conchairamine	We 1164.
	b	concusconine	We 1164.
		hydrocinchonine	Orekhov 224.
		paricine	Orekhov 798.
	b	quinine	We 1164.
2983. *Richardsonia scabra* A. St. Hil.	*r*	emetine	Webb 232.
2984. *Rubia kotschyi* Boiss.		unn	CA 48:11727.
2985. *Sarcocephalus cordatus* Miq.	*l, b*	unn	We 1167.
2986. *Sarcocephalus diderrichii* DeWild & Th. Dur.		unn	Henry 782.
2987. *Sarcocephalus esculentus* Afzel.	*b*	unn	Webb 232.
2988. *Sarcocephalus horsfieldii* Miq.	*l, b*	unn	We 1167.
2989. *Sickingia rubra* K. Schum.	*b*	aribine	Henry 490.
2990. *Spermacoce brachystema* R. Br.	*w*	unn	Webb 241.
2991. *Spermacoce verticillata* L.	*r*	emetine	M–H V 322.
2992. *Tarenna dallachiana* S. Moore	*l, b*	unn	Webb 268.
2993. *Timonius timon* (Spreng.) Merrill (*T. rumphii* DC.)	*l, s*	unn	Webb 268.
2994. *Tocoyena longiflora* Aubl.		cephaeline	CA 29:4518.
		emetine	CA 29:4518.
		psychotrine	CA 29:4518.
2995. *Uncaria kawakamii* Hayata		hanadamine	CA 27:1345.
		mitraphylline	CA 53:2270.
		uncarine A and B	CA 45:2960.
2996. *Uncaria rhynchophylla* Miq.		uncarine A	CA 44:7332.
2997. *Uncaria* sp.		unn	Webb PS.
2998. *Urophyllum griffithianum* Hook. f.	*r*	unn	D–K.
2999. *Warscewiczia coccinea* Klotzsch	*l*	unn	D–K.

3000. *Wendlandia* spp.		unn.	Klein 749.
RUTACEAE			
3001. *Acradenia frankliniae* Kipp.	*l.*	unn.	Webb 268.
3002. *Acronychia acidula* F. Muell.	*b.*	melicopine.	M–H II 355.
	i, fr, b.	unn.	Webb 241.
3003. *Acronychia baueri* Schott.	*l, b.*	acronidine.	CA 47:11210.
	l, b.	acronycidine.	CA 45:5696.
	b.	acronycine.	CA 45:5696.
	l.	1,3-dimethoxy-10-methyl-9-acridone.	CA 47:11210.
	l.	kokusaginine.	M–H III 355.
	l, b.	melicopicine.	CA 43:648.
	l, b.	melicopidine.	CA 45:5696.
	l, b.	melicopine.	CA 45:5696.
	l.	skimmianine.	M–H III 355.
3004. *Acronychia haplophylla* Engl.	*l, b.*	unn.	Webb 241.
3005. *Acronychia imperforata* F. Muell.	*l.*	unn.	Webb 241.
3006. *Acronychia laevis* Forst.	*l, s.*	unn.	Webb 241.
3007. *Acronychia melicopoides* F. Muell.	*l.*	unn.	Webb 268.
3008. *Acronychia muelleri* (Engl.) Francis.	*l, b, fr.*	unn.	Webb 268.
3009. *Acronychia parviflora* C. T. White (*Melicope pubescens* F. M. Bailey).	*l, s, b.*	unn.	Webb 241.
3010. *Acronychia pauciflora* C. T. White.	*l, b.*	unn.	Webb 241.
3012. *Acronychia suberosa* C. T. White.	*l.*	unn.	Webb 268.
3013. *Acronychia* sp.	*wd.*	unn.	Webb 241.
3014. *Aegle marmelos* Correa.	*l.*	aegelenine.	CA 52:7338.
	l.	aegelin.	CI 1955:1632.
	wd.	dictamnine.	JICS. 36:267.
	b.	γ-fagarine.	Henry 414.
	l.	skimmianine.	CA 47:10544.
	l, s.	unn.	D–K.
3015. *Balfourodendron riedelianum* Engl.	*b.*	unn.	CA 49:14909.
3016. *Boenninghausenia albiflora* Reichb.	*l, s, r.*	dictamnine.	CA 53:1636.
3017. *Boronia algida* F. Muell.	*l, s.*	unn.	Webb 268.
3018. *Boronia alulata* Soland.	*l, s.*	unn.	Webb 268.
3019. *Boronia bowmanii* F. Muell.	*l, s.*	unn.	Webb 268.
3020. *Boronia glabra* (Maiden & Betche) Cheel.	*l, s.*	unn.	Webb 268.
3021. *Boronia granitica* Maiden & Betche.	*l, s.*	unn.	Webb 268.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUTACEAE—Continued			
3022. *Boronia lanceolata* F. Muell.	*l, s*	unn	Webb 268.
3023. *Boronia ledifolia* J. Gay	*l, s*	unn	Webb 268.
3024. *Boronia obovata* C. T. White	*l, s*	unn	Webb 268.
3025. *Boronia polygalifolia* Sm.	*l, s*	unn	Webb 268.
3026. *Boronia rosmarinifolia* A. Cunn. (*B. ledifolia* var. *rosmarinifolia*).	*l, s, b, rb*	unn	Webb 268.
3027. *Boronia thujona* Penfold & Welch	*l, s*	unn	Webb 268.
3028. *Boronia whitei* Cheel	*l, s*	unn	Webb 268.
3029. *Bosistoa evodiformis* F. Muell.	*b*	unn	Webb 268.
3030. *Bosistoa sapindiformis* F. Muell.	*l*	unn	Webb 241.
3031. *Brombya platynema* F. Muell.	*l*	unn	Webb 268.
3032. *Calodendron capensis* Thunb.	*sd*	unn	CA 16:3224.
3033. *Casimiroa edulis* La Llave	*sd*	N–benzoyltyramine	LCSJ 1956:4163.
	fr, sd, b	casimiroedine	Helv 39:1495.
	rb, sd	casimiroin	ACSJ 79:6328.
		casimiroitine	Sokolov 124.
	b	dictamnine	LCSJ 1956:4170.
	sd	N^{α}, N^{α}-dimethylhistamine	JOC 23:1564.
	b	edulein	LCSJ 1956:4170.
	sd	eduline	LCSJ 1956:4163.
	b	edulinine	LCSJ1956:4170.
	b	edulitine	LCSJ 1956:4170.
	b	γ-fagarine	LCSJ 1956:4170.
	b	skimmianine	LCSJ 1956:4170.
	sd	zapotidine	LCSJ 1956:4163.
3034. *Chloroxylon swietenia* DC.	*wd*	chloroxylonine	Henry 773.
	b	skimmianine	M–H III 69.
3034A. *Choisya ternata* H.B.K.		evoxine	CA 53:11761.
		skimmianine	CA 53:11761.
		unn	CA 53:11761.
3035. *Citrus aurantium* L.	*fr*	narcotine	CA 26:3005.
	l	stachydrine	M–H I 102.

3036. *Citrus australis* Planch.	*l, b, wd*	unn	Webb 241.
3037. *Citrus nobilis* Lour.	*l*	unn	PPAJ 42:90.
3038. *Citrus sinensis* Pers.		narcotine	PAH 29:203.
3039. *Citrus vulgaris* Risso	*l*	stachydrine	M–H I 101.
3040. *Clausena brevistyla* Oliver	*s*	unn	Webb 268.
3041. *Correa speciosa* Ait.	*l*	unn	Webb 268.
3042. *Cusparia trifoliata* Engl.	*b*	cusparidine	Merck.
	b	cusparine	Ber 57:1243.
	b	galipine	Monatsh 52:134.
	b	galipoidine	Merck.
3043. *Dictamnus albus* L.	*r*	dictamnine	Henry 413.
		skimmianine	Sokolov 124.
	r	trigonelline	Henry 413.
3044. *Dictamnus caucasicus* Hort.		unn	CA 48:11727.
3045. *Eremocitrus* (*Atalantia*) *glauca* Swingle	*l*	unn	Webb 268.
3046. *Eriostemon buxifolius* Sm.	*r*	unn	Webb 268.
3047. *Eriostemon lanceolatus* Gaertn. f.	*l*	unn	Webb 268.
3048. *Eriostemon myoporoides* DC.	*l*	unn	Webb 268.
3049. *Esenbeckia febrifuga* A. Juss.	*b*	unn	Henry 780.
3049A. *Esenbeckia hartmanii* Rob. & Fern.	*fr*	unn	Wall 60.
3050. *Evodia alata* F. Muell.	*l*	evolatine	CA 50:1050.
	l, b	evoxanthine	M–H II 355.
	b	kokusaginine	CA 50:1050.
	b	melicopidine	M–H II 355.
	l	1, 2, 3-trimethoxy-10-methylacridone.	CA 50:1050.
3051. *Evodia bonwickii* F. Muell.	*l*	unn	Webb 268.
3052. *Evodia elleryana* F. Muell.	*l*	unn	Webb 268.
3053. *Evodia glauca* Miq.	*b*	berberine (?)	Klein 729.
3054. *Evodia hortensis* Forst.	*b*	berberine (?)	Klein 729.
3055. *Evodia littoralis* Endl.	*l, b*	dictamnine	CA 49:9003.
	l, b	evolitrine	CA 49:9003.
	l, b	kokusaginine	CA 49:9003.
3056. *Evodia meliaefolia* Benth.	*b*	berberine	Henry 329.
3057. *Evodia micrococca* F. Muell.	*l, b*	unn	Webb 241, 268.
3058. *Evodia rutaecarpa* Hook. f. & Thoms.	*fr*	evodiamine	Henry 498.
	fr	rutaecarpine	Henry 498.
	fr	wuchuyine	Henry 498.
3059. *Evodia vitiflora* (?) F. Muell.	*l, s, b*	unn	Webb 241, 268.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUTACEAE—Continued			
3060. *Evodia xanthoxyloides* F. Muell.	*l*	evodine	CA 47:3857.
	l	evolidine	CA 47:3857.
	l	evoxanthidine	CA 47:3857.
	l, b	evoxanthine	CA 46:117.
	l	evoxine	CA 47:3857.
	l	evoxoidine	CA 47:3857.
	l	1-hydroxy-2,3-dimethoxy-10-methyl-9(10H)-acridone.	CA 47:3857.
	b	kokusagine	CA 46:117.
	b	kokusaginine	M–H III 78.
	l, b	melicopidine	CA 46:117.
	l	norevoxanthine	CA 47:3857.
	l	normelicopidine	CA 47:3857.
	l	xanthevodine	CA 46:117.
	l	xanthoxoline	CA 47:3857.
3061. *Evodia* spp.	*b, l*	unn	Webb 241.
		unn	Webb PS.
3062. *Fagara angolensis* Engl.	*rb*	angoline	CA 50:8136.
	rb	angolinine	CA 50:8136.
	rb	skimmianine	CA 50:8136.
3063. *Fagara coco* Engl.	*b*	cocoberine	Henry 414.
	l	α-,γ-,δ-, χ-fagarines	Henry 414.
	l, s	fagarine II, III	ACSJ 71:1030.
		β-homochelidonine	M–H IV 148.
	b	N-methylisocorydine	CA 50:1049.
	l, b	skimmianine	Henry 414.
3064. *Fagara macrophylla* Engl.	*rb*	fagaramide	Merck.
	r	fagaridine	CA 46:2754.
	r	xanthofagarine	CA 46:2754.
3065. *Fagara mantchurica* (Bennett) Honda		skimmianine	M–H III 69.
3066. *Fagara parvifolia* A. Cheval.	*b*	parvifagarine	CA 43:5546.
	b	unn.(2)	CA 43:5546.

3066A. *Fagara tingoassuiba* (A. St. Hil.) Hoehne		unn.(2)	BA 33:23368.
3067. *Fagara viridis* A. Cheval	*b*	skimmianine	CA 43:5546.
	b	unn.(2)	CA 43:5546.
3068. *Fagara zanthoxyloides* Lam	*rb*	artarine(?)	CA 42:3909.
	rb	fagaramide	Merck.
		fagaramine	Sokolov 124.
	b	fagaridine	CA 42:3910.
		α-fagarine	Sokolov 124.
	b	skimmianine	CA 42:3910.
	b	unn	CA 42:3910.
3069. *Flindersia acuminata* C. T. White	*l, b, wd*	unn	Webb 241, 268.
3070. *Flindersia australis* R. Br	*wd*	flindersine	Merck.
	l, b, wd	unn	Webb 241.
3071. *Flindersia bennettiana* F. Muell	*l, s, b*	unn	Webb 241, 268.
3072. *Flindersia bourjotiana* F. Muell	*b*	flindersiamine	CA 47:3861.
	b	skimmianine	CA 47:3861.
3073. *Flindersia brayleyana* F. Muell	*b*	unn	Webb 241.
3074. *Flindersia collina* F. M. Bailey	*b*	flindersiamine	M–H III 78.
	b	kokusaginine	M–H III 78.
	l, b	unn	Webb 241, 268.
3075. *Flindersia dissosperma* Domin	*wd*	dictamnine	CA 52:4749.
	l, s, b	flindersiamine	APCP 11.
	l, s	kokusaginine	APCP 11.
	b	maculine	CA 52:4749.
	l	skimmianine	CA 52:4749.
	l, s	unn	Webb 268.
3076. *Flindersia laevicarpa* C. T. White	*l, s, b*	unn	Webb 268.
3077. *Flindersia maculosa* F. Muell	*wd*	dictamnine	AJC 10:480.
	b, wd	flindersiamine	AJC 10:480.
	l, b, wd	kokusaginine	AJC 10:480.
	b, wd	maculine	AJC 10:480.
	l	maculosidine	AJC 10:480.
	b, wd	maculosine	AJC 10:480.
	wd	skimmianine	AJC 10:480.
3078. *Flindersia oxleyana* F. Muell	*l, b, wd*	unn	Webb 241.
3079. *Flindersia pimenteliana* F. Muell	*l, fr, b*	unn	Webb 241, 268.
3080. *Flindersia pubescens* F. M. Bailey	*l*	unn	Webb 268.
3081. *Flindersia schottiana* F. Muell	*l, b*	unn	Webb 241, 268.
3082. *Flindersia xanthoxyla* Domin	*l*	unn	Webb 268.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUTACEAE—Continued			
3083. *Galipea cusparia* St. Hil.	*b*	cusparine	We 618.
		unn. (9)	Orekhov 202.
3084. *Galipea dichotoma*=*G. dicatoma* Saldanha da Gama	*b*	cusparine	We 618.
3085. *Galipea officinalis* Hancock	*b*	cuspareine	Henry 415.
	b	cusparidine	Henry 415.
	b	cusparine	Henry 415.
		fagaramine	Sokolov 124.
	b	galipidine	Henry 415.
	b	galipine	Henry 415.
	b	galipoidine	Henry 415.
	b	galipoline	Henry 517.
	b	unn.	Henry 415.
3086. *Geijera muelleri* Benth.	*l*	unn	Webb 241, 268.
3087. *Geijera parviflora* Lindl.	*l, b*	unn	Webb 241.
3088. *Geijera salicifolia* Schott	*l, b*	unn	Webb 241, 268.
3089. *Gleznowia verrucosa* Turcz.	*l*	unn	Webb 268.
3090. *Glycosmis arborea* DC.	*l*	arborine	CA 47:2838.
	l	arborinine	CA 47:2838.
		glycosmine	BA 28:11914.
		pentaphylline	BA 28:11914.
3091. *Glycosmis pentaphylla* Correa		glycosine	CA 48:7618.
		glycosmimine	CA 46:10185.
	l	kokusaginine	M–H III 78.
		skimmianine	CA 46:10185.
	l, s	unn	D–K.
3092. *Glycosmis* spp.	*l, s*	unn	Bisset 125.
		unn	Webb PS.
3093. *Halfordia kendack* Guill. (*H. drupifera* F. Muell.)	*l, b*	unn	Webb 268.
3094. *Halfordia scleroxyla* F. Muell.	*l, b, wd*	unn	Webb 241.
3095. *Halfordia* sp.		unn	Webb PS.
3096. *Haplophyllum bucharicum* Litwinow	*l, s, fl*	skimmianine	CA 47:8084.
	l, s, fl	unn	CA 47:8084.

3097. *Haplophyllum dubium* Korovin	*l, s, fl*	dubamine	CA 50:9435.
	l, s, fl	dubinidine	CA 50:9435.
	l, s, fl	dubinine	CA 50:9435.
3098. *Haplophyllum foliosum*	*w*	dubinidine	CA 52:2181
		foliosidine	CA 53:9574.
	w	pheliozine	CA 52:2181.
	w	skimmianine	CA 52:2181.
3099. *Haplophyllum pedicellatum* Bunge	*l, s, fl*	haplophine	CA 47:8084.
	r	haplophine	CA 50:8691.
	l, s, fl	skimmianine	CA 47:8084.
	r	skimmianine	CA 50:8691.
3100. *Haplophyllum perforatum* Kar. & Kir	*l, s, fl*	haploperine	CA 47:8084.
		haplophine	Orekhov 771.
	l, s, fl	skimmianine	CA 47:8084.
	l, s, fl	unn	CA 47:8084.
3101. *Haplophyllum siewersii* Fisch		haplophylline	Sokolov 124.
3102. *Haplophyllum versicolor* Fisch. & Mey	*l, s*	unn	CA 47:8084.
3103. *Haplophyllum villosum* G. Don		unn	CA 48:11727.
3104. *Haplophyllum* spp	*l*	unn	CA 50:9435.
3105. *Hortia arborea* Engl	*b*	dictamnine	ACS 49 P.
	b	γ-fagarine	ACS 49 P.
	b	hortiacine	ACS 49 P.
	b	hortiamine	ACS 49 P.
	b	norfagarine	ACS 49 P.
	b	rutaecarpine	ACS 49 P.
	b	skimmianine	ACS 49 P.
	b	unn	CA 51:7385.
3106. *Lunasia amara* Blanco		lunacridine	M–H V 316.
	l, b	lunacrine	ACSJ 81:1908.
		lunamaridine	M–H V 316.
		lunamarine	M–H V 316.
	b	lunasine	Orekhov 768.
	l	4-methoxy-2-phenylquinoline	ACSJ 79:2239.
3107. *Lunasia costulata* Miq. (*L. amara*)	*b*	lunacridine	Henry 751.
	b	lunacrine	Henry 751.
	b	lunamaridine	Henry 751.
	b	lunamarine	Henry 751.
	b	lunasine	Henry 751.

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Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUTACEAE—Continued			
3108. *Lunasia guercifolia* K. Schum.	*b*	lunacrine	AJC 11:562.
	b	lunine	AJC 11:562.
	b	7-methoxy-1-methyl-2-phenyl-4-quinolone.	AJC 11:562.
3109. *Medicosma cunninghamii* Hook. f.	*b*	medicosmine	CA 48:2726.
3110. *Melicope broadbentiana* F. M. Bailey	*l*	unn	Webb 268.
3111. *Melicope erythrococca* Benth.	*l, b*	unn	Webb 268.
3112. *Melicope fareana* Engl.	*b*	unn	Webb 241.
	b	acronycidine	CA 46:4010.
		acronycine	Orekhov 245.
	b, l	melicopicine	CA 46:4010.
	b, l	melicopidine	CA 46:4010.
	b, l	melicopine	CA 46:4010.
	l	skimmianine	CA 46:4010.
3113. *Melicope melanophloia* C. T. White	*l, s*	unn	Webb 268.
3114. *Melicope neurococca* Benth. (*Bouchardatia neurococca* Baill.).	*l, s*	unn	Webb 268.
	l, b	unn	Webb 241.
3115. *Melicope octandra* Druce (*M. australasica* F. Muell.)	*l, b*	unn	Webb 268.
3116. *Melicope sessiliflora* C. T. White	*l, b*	unn	Webb 268.
3117. *Merrillia caloxylon* Swingle	*l, s*	unn	D–K.
3118. *Microcitrus australis* Swingle (*Citrus australis* Planch.).	*l*	unn	Webb 263.
3119. *Microcitrus inodora* Swingle (*Citrus inodora* F. M. Bailey).	*l*	unn	Webb 268.
3120. *Micromelum minutum* Wight & Arn.	*l*	unn	Webb 268.
3121. *Micromelum pubescens* Blume	*l, s*	unn	Bisset 125.
3122. *Monnieria cuneifolia* Michx.		herpestine	CA 42:1025.
3123. *Murraya crenulata* Oliver	*l*	unn	Webb 268.
3124. *Murraya ovatifoliolata* Domin	*l*	unn	Webb 268.
3125. *Murraya paniculata* Jack	*l, s*	unn	D–K.

3126. *Oriza japonica* Thunb		dictamnine	Orekhov 208.
	b, r, fr	kokusagine	Henry 759.
	r, fr	kokusaginine	Henry 759.
	r	kokusaginoline	Henry 759.
	r	orixine	Henry 759.
	fr, r	skimmianine	M–H III 69.
3127. *Pagetia medicinalis* F. Muell	*l*	unn	Webb 268.
3128. *Peganum harmala* L	*r*	harmaline	Henry 488.
	r	harmalol	Henry 488.
	r	harmine	Henry 488.
	r	vasicine	Henry 488.
3129. *Pentaceras australis* Hook. f	*l, b, wd*	canthin-6-one	CA 47:3858.
	l, b	5-methoxycanthin-6-one	CA 47:6956.
	b, wd	4-(methylthio) canthin-6-one	CA 47:9983.
		taceridine	APCP 12.
	l, wd, rb, fr	unn	Webb 268.
3130. *Phebalium nudum* Hook	*b*	dictamnine	Tetra 2:256.
	b	evolitrine	Tetra 2:256.
	b	γ-fagarine	Tetra 2:256.
	b	kokusaginine	Tetra 2:256.
	b	skimmianine	Tetra 2:256.
3131. *Phebalium rotundifolium* Benth	*l*	unn	Webb 268.
3132. *Phebalium squameum* Engl	*l, s*	unn	Webb 241.
3133. *Phebalium* sp	*l*	unn	Webb 241.
3134. *Phellodendron amurense* Rupr	*b*	berberine	Henry 329.
	b	jatrorrhizine	CA 53:7219.
	b	magnoflorine	CA 51:15063.
	b	palmatine	Henry 329.
	b	phellodendrine	CA 51:15063.
	b	unn	CA 51:15063.
3135. *Phellodendron insulare* Nakai		berberine	CA 26:5571.
		palmatine	CA 26:5571.
3136. *Phellodendron japonicum* Maxim	*b, l*	berberine	CA 47:4550.
3136A. *Phellodendron lavallei* Dode	*b*	berberine	CA 53:11536.
3137. *Phellodendron molle* Nakai		berberine	CA 26:5571.
		palmatine	CA 26:5571.
3138. *Phellodendron wilsonii* Hayata & Kanehira		berberine	CA 50:17339.
3139. *Philotheca ciliata* Hook. (*P. australis* Rudge var. *parviflora*).	*l, s*	unn	Webb 268.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUTACEAE—Continued			
3140. *Philotheca reichenbachiana* Sieber	*l*	unn	Webb 268.
3141. *Pilocarpus heterophyllus* Griseb.		pilocarpine	M–H III 206.
3142. *Pilocarpus jaborandii* Holmes		isopilocarpine	M–H III 206.
	l	pilocarpidine	Henry 621.
	l	pilocarpine	Henry 621.
3143. *Pilocarpus macrocarpus* Engl.		pilosine	Orekhov 641.
3144. *Pilocarpus microphyllus* Stapf		unn	We 616.
	l	isopilocarpine	Henry 621.
	l	pilocarpine	Henry 621.
3145. *Pilocarpus pennatifolius* Lem.	*l*	pilosine	Henry 621.
	l	isopilocarpine	Henry 621.
	l, fl, fr	jaborandine	N–O.
	l	pilocarpine	Henry 621.
3146. *Pilocarpus pinnatus* Mart.		pilosine	Orekhov 641.
3147. *Pilocarpus racemosus* Vahl	*l, s*	pilocarpine	LCSJ 31:324.
3148. *Pilocarpus selloanus* Engl.	*l*	pilocarpine	Henry 621.
3149. *Pilocarpus spicatus* A. St. Hil.	*l*	unn	We 615.
	l	ψ-jaborine	Henry 621.
	l	ψ-pilocarpine	Henry 621.
3150. *Pilocarpus trachylophus* Holmes		pilosine	Orekhov 641.
3151. *Pleiococca wilcoxiana* F. Muell.		unn	M–H III 206.
3152. *Ruta graveolens* L.	*l*	unn	Webb 268.
	fr	kokusaginine	CA 52:17311.
	fr	skimmianine	CA 52:17311.
3153. *Skimmia japonica* Thunb.	*l*	unn	CA 8:1808.
		bases A, B, C	CA 53:3602.
		dictamnine	Sokolov 125.
3154. *Skimmia laureola* Sieb. & Zucc.	*l*	skimmianine	Henry 414.
3155. *Skimmia repens* Nakai	*l*	skimmianine	Henry 414.
	l	dictamnine	Henry 413.
3155A. *Teclea grandifolia* Engl.	*sd*	dictamnine	CA 50:10340.
	r	evoxanthine	CR 247:2421.

3156. *Toddalia aculeata* Pers.	*rb*	toddaline	CA 50:13961.
	rb	toddalinine	CA 50:13961.
3157. *Toddalia asiatica* Lam.		berberine	CA 12:832.
3157A. *Zanthoxylum ailanthoides* Sieb. & Zucc.	*wd*	dictamnine	CA 53:7218.
	b	laurifoline	CA 53:7218.
	wd	magnoflorine	CA 53:7218.
	wd	skimmianine	CA 53:7218.
3158. *Zanthoxylum alatum* Roxb.	*b*	berberine	C–B–G 274.
3159. *Zanthoxylum americanum* Mill.	*b*	berberine	M–H III 322.
	b	O-methyltyramine-N-methyl-cinnamide.	M–H III 322.
3160. *Zanthoxylum bossua*	*wd*	berberine	Klein 729.
3161. *Zanthoxylum brachyacanthum* F. Muell.		α-allocryptopine	Orekhov 496.
		canadine	Henry 330.
	b	chelerythrine	CA 47:4603.
	b, l	β-homochelidonine	CA 47:4603.
		γ-homochelidonine	Henry 330.
	b	isocorydine	CA 47:4603.
	b	N-methylisocorydine	JOC 19:1774.
	b	veneficine	APCP 12.
	l, s, fr	unn	Webb 268.
3162. *Zanthoxylum budrunga* DC.	*b*	budrugaine	Henry 783.
	b	budrugainine	Henry 783.
3163. *Zanthoxylum caribaeum* Lam.		berberine	Henry 330.
		N-(2-*p*-anisylethyl)-N-methyl-cinnamide.	Henry 330.
3164. *Zanthoxylum carolineanum* Lam.	*b*	unn	We 605.
3165. *Zanthoxylum clava-herculis* L.		berberine	Sokolov 125.
		α- and β-xantherine	Sokolov 125.
3165A. *Zanthoxylum fagara* (L.) Sarg.	*l, s*	unn	Wall 60.
3166. *Zanthoxylum macrophyllum* Oliver		fagaramide	Orekhov 688.
3167. *Zanthoxylum naranjillo* Griseb.	*l*	xanthoxoline	N–O.
3168. *Zanthoxylum nitidum* DC.	*r*	nitidine	CI 1958:1514.
	r	oxynitidine	CI 1958:1514.
3169. *Zanthoxylum ochroxylum* DC.	*b*	α- and β-xantherine	Merck.
3170. *Zanthoxylum odontalgicum*		berberine	Klein 729.
3171. *Zanthoxylum pentanome* DC.		unn	We 605.
3172. *Zanthoxylum perrottetii* DC.		berberine	We 605.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
RUTACEAE—Continued			
3173. *Zanthoxylum piperitum* DC.	*s, r*	magnoflorine	CA 51:15893.
		sanshoamide	CA 46:4994.
3174. *Zanthoxylum scandens* Blume		unn	Klein 729.
3175. *Zanthoxylum senegalense* DC.	*rb*	artarine	Merck.
		unn	Henry 330.
3176. *Zanthoxylum suberosum* C. T. White	*b*	taceridine	APCP 12.
	l, b	unn	Webb 268.
3177. *Zanthoxylum torvum* F. Muell.	*l, b*	unn	Webb 241, 268.
3178. *Zanthoxylum veneficum* F. M. Bailey	*b*	canadine	CA 47:4603.
	b	chelerythrine	CA 47:4603.
	b, l	β-homochelidonine	CA 47:4603.
	b	isocorydine	CA 47:4603.
	b	N-methylisocorydine	JOC 19:1774.
3179. *Zieria lanceolata* R. Br.		unn	We 618.
3180. *Zieria octandra* Sweet		unn	We 618.
3181. *Zieria smithii* Andr.	*l, s, r*	unn	Webb 241.
SALICACEAE			
3182. *Salix caprea* L.	*fl*	unn	CA 50:7326.
SALVADORACEAE			
3183. *Salvadora oleoides* Decne.	*l, b*	unn	C–B–G 639.
SANTALACEAE			
3184. *Exocarpus cupressiformis* Labill.	*s, b*	unn	Webb 241.
3185. *Exocarpus latifolius* R. Br.	*l, s*	unn	Webb 241.
3186. *Henslowia* sp. nov.	*l, s*	unn	Webb 268.
3187. *Santalum lanceolatum* R. Br.	*l*	unn	Webb 241.
3188. *Thesium minkwitzianum* Fedtsch.		thesine	Henry 777.

3189.	*Thesium szowitsii* A. DC		unn	CA 48:11727.
	SAPINDACEAE			
3190.	*Akania hillii* Hook. f.	*l, b, wd*	unn	Webb 241.
3191.	*Alectryon connatum* Radlk	*l*	unn	Webb 241.
3192.	*Allophylus cobbe* Blume	*sd*	unn	Bisset 125.
3193.	*Arytera distylis* Radlk. (*Nephelium distyle* F. Muell.).	*l*	unn	Webb 268.
3194.	*Arytera foveolata* F. Muell	*l, b*	unn	Webb 241.
3195.	*Atalaya virens* C. T. White	*b*	unn	Webb 241.
3196.	*Cardiospermum halicacabum* L	*w*	unn	D–K.
3197.	*Cupaniopsis anacardioides* Radlk. (*Cupania anacardioides* A. Rich.).	*l*	unn	Webb 268.
3198.	*Diatenopteryx sorbifolia* Radlk		unn	BA 23:1939.
3199.	*Dodonaea boroniaefolia* G. Don	*l*	unn	Webb 241.
3200.	*Dodonaea lanceolata* F. Muell	*l, s*	unn	Webb 241.
3201.	*Dodonaea thunbergiana* Eckl. & Zeyh	*l*	unn	CA 18:1362.
3302.	*Dodonaea viscosa* Jacq	*l*	unn	Webb 241.
3203.	*Elattostachys* (*Cupania*) *nervosa* Radlk	*l, b*	unn	Webb 268.
3204.	*Guioa semiglauca* Radlk. (*Nephelium semiglaucum* F. Muell.).	*l, s*	unn	Webb 268.
3205.	*Harpullia pendula* Planch	*l*	unn	Webb 241.
3206.	*Harpullia rhyticarpa* C. T. White	*l, rb*	unn	Webb 241.
3207.	*Mischocarpus* aff. *pyriformis* Radlk. (*Ratonia pyriformis* Benth. & Hook. f.).	*l, s, b, fl*	unn	Webb 268.
3208.	*Paullinia cupana* H.B.K	*sd*	caffeine	We Sup 147.
		sd	theobromine	CA 49:4237.
		sd	theophylline	CA 79:4237.
			timbonine	Sokolov 126.
3209.	*Paullinia scarlatina* Radlk	*b, w*	caffeine	We 730.
3210.	*Paullinia sorbilis* Mart	*l, sd*	caffeine	Freise.
3211.	*Paullinia triantennata* Silveira	*l, sd*	caffeine	Freise.
3212.	*Paullinia yoco* R. E. Schultes & Killip		caffeine	Hocking 163.
3213.	*Sapindus emarginatus* Vahl		sanguinarine	Sokolov 126.
3214.	*Sapindus mukorossii* Gaertn	*fr*	unn	CA 32:1403.
3215.	*Serjania lethalis* A. St. Hil		senecifoline	Sokolov 126.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SAPOTACEAE			
3216. *Achras sapota* L.	*l, sd, b*	unn	We 936.
3217. *Amorphospermum antilogum* F. Muell. (*Lucuma amorphospermum* F. M. Bailey).	*l*	unn	Webb 268.
3218. *Chrysophyllum roxburghii* G. Don	*l*	unn	We 941.
3218A. *Dipholis salicifolia* (L.) DC.	*l, s, fr*	unn	Wall 60.
3220. *Lucuma caimito* Roem. & Schult.	*l*	unn	We 938.
3221. *Madhuca latifolia* Macbride	*l*	unn	C-B-G 630.
3222. *Mimusops elengi* L.	*b, fl*	unn	We 940.
3223. *Mimusops parvifolia* R. Br.	*l, b, fr*	unn	Webb 241.
3224. *Palaquium beauvisagei* Burck	*l, r*	unn	We 934.
3225. *Payena leerii* Kurz	*l*	unn	We 935.
3226. *Planchonella cotinifolia* (A. DC.) Dubard (*Hormogyne cotinifolia* A. DC.).	*l, s, b*	unn	Webb 268.
3227. *Planchonella* aff. *obovata* Pierre	*l*	unn	Webb 268.
3228. *Planchonella* (*Sideroxylon*) *pohlmaniana* (Benth. & Hook. f.) Burkill.	*l, s, b*	unn	Webb 268.
3229. *Pouteria sericea* (Ait.) Baehni (*Lucuma sericea* Benth. & Hook. f.) (*Sideroxylon myrsinoides* Benth. & Hook. f.).	*l, b*	unn	Webb 268.
3230. *Pouteria* sp.	*bast*	yohimbine	CA 52:17613.
3231. *Sideroxylon bancanum* Burck	*l, b*	unn	We 938.
3232. *Sideroxylon firmum* Pierre	*l, b*	unn	We 938.
3233. *Sideroxylon indicum* Burck	*l, b*	unn	We 938.
3234. *Sideroxylon pohlmanianum* Benth. & Hook. f.	*l, b*	unn	Webb 268.
3235. *Sideroxylon* sp. (*S. myrsinoides* Benth. & Hook. f. sens. lat.).	*l, b*	unn	Webb. 268
SARRACENIACEAE			
3236. *Sarracenia flava* L.	*r*	"veratrine"	Klein 790.
	l	unn	CA 25:2521.
3237. *Sarracenia rubra* Walt.	*rh*	unn	CA 25:2521.

SAXIFRAGACEAE			
3238. *Dichroa febrifuga* Lour	*l, r*	dichroidine	Henry 725.
	l, r	α- β- and γ-dichroine	Henry 725.
	l, r	febrifugine	Henry 725.
	l, r	isofebrifugine	Henry 725.
	l, r	4-ketodihydroquinazoline	Henry 725.
3239. *Hydrangea umbellata* Rehd		unn	Henry 781.
3240. *Hydrangea* sp	*l, r*	febrifugine	CA 46:11435.
3241. *Polyosma cunninghamii* Benn	*l, s*	unn	Webb 241.
3242. *Polyosma rhytophloia* C. T. White & Francis	*l, b*	unn	Webb 241.
SCROPHULARIACEAE			
3243. *Bungea trifida* C. A. Mey		unn	CA 48:11727.
3243A. *Cordylanthus filifolius* Nutt	*l*	unn	Wall 55.
3244. *Herpestis monnieria* H.B.K		herpestine	M-H V 312.
3245. *Lindenbergia philippinensis* Benth	*l*	unn	PPAJ 39:305.
3246. *Morgania glabra* R. Br	*l, s, fl*	unn	Webb 268.
3247. *Pedicularis* sp		unn	CA 48:11727.
3248. *Scoparia dulcis* L	*w*	unn	CA 50:16033.
	l, s, r	unn	Webb 241.
3249. *Verbascum virgatum* Stokes	*l, s*	unn	Webb 241.
3250. *Verbascum* sp		unn	CA 48:11727.
SIMAROUBACEAE			
3251. *Ailanthus glandulosa* Desf	*l, s, r*	unn	Webb 268.
3252. *Ailanthus malabarica* DC	*l, b*	unn	Webb 241.
3253. *Brucea amarissima* Desr	*sd*	brucamarine	C-B-G 281
3254. *Brucea javanica* Merrill		yatanine	Henry 779.
	l, s, sd	unn	Bisset 125.
3255. *Brucea sumatrana* Roxb	*b*	unn	Webb 268.
3256. *Eurycoma apiculata* A. W. Benn	*s, r*	unn	D–K.
3257. *Guilfoylia monostylis* F. Muell. (*Cadellia monostylis* Benth.).	*l, fr*	unn	Webb 268.
3258. *Harrisonia brownii* A. Juss	*l*	unn	Webb 268.
3259. *Hyptiandra* (*Samadera*) *bidwillii* Hook. f	*l*	unn	Webb 268.
3260. *Picrasma crenata* Engl		sigmine	Henry 782.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SIMAROUBACEAE—Continued			
3261. *Picrasma excelsa* Planch.	*b, wd*	unn	We 643.
3262. *Picrolemma pseudocoffea* Ducke	*s*	quinine	CA 52:506.
3263. *Quassia amara* L.	*wd*	unn	We 643.
3264. *Samadera baileyana* Oliver (*Hyptiandra bidwillii* Hook. f. var. *grandiuscula*).	*l*	unn	Webb 268.
SOLANACEAE			
3265. *Acnistus arborescens* Schlecht.	*l*	unn	APAJ 46:302.
3266. *Acnistus cauliflorus* Schott.	*l*	acnistine	We 1106.
3267. *Acnistus parviflorus* Griseb.		unn	BA 24:30953.
3267A. *Anisodus luridus* Link & Otto	*l*	unn	CA 51:5369.
3268. *Anthocercis eadesii* F. Muell.	*l, s*	unn	Webb 268.
3269. *Anthocercis scabrella* Benth.	*r*	unn	Webb 268.
3270. *Anthocercis viscosa* R. Br.		anthocerine	Klein 746.
3271. *Atropa belladonna* L.	*w, r*	apoatropine	Henry 65.
		atropine	Orekhov 137.
	r	belladonnine	CA 51:3928.
	r	bellaradine	CA 50:17317.
		cuscohygrine	CA 49:5780.
	w, r	hyoscine	Henry 65.
	w, r	hyoscyamine	Henry 65.
		N-methylpyrroline	M–H I 91.
	r	scopolamine	CA 51:3928.
	nectar	unn	CA 50:7309.
3272. *Atropa baetica* Willd.	*w*	atropine	Henry 65.
	w	hyoscyamine	Henry 65.
3273. *Atropa lutea* Döl.	*fr*	atropine	Klein 744.
3274. *Atropa* × *martiana* Font Quer	*l*	unn	BA 25:11870.
3275. *Brunfelsia americana* L.	*l, s*	unn	APAJ 46:302.

3276. *Brunfelsia hopeana* Benth.		brunfelsine	Archiv Pharm 19:292.
	b, r	manacine	We 1118.
		mandragorine	Webb 232.
3277. *Brunfelsia undulata* Sw.	*s*	unn	D–K.
3278. *Capsicum annuum* L.		capsaicine	Sokolov 130.
	w	solanidine(?)	Schreiber.
3279. *Capsicum fastigiatum* Blume	*l, rb*	unn	Webb 241.
3280. *Capsicum frutescens* L. (*C. fastigiatum*)	*l*	unn	Arthur.
	l, fr	unn	Webb 268.
3281. *Capsicum* sp.	*l, s, fr*	unn	Webb 241.
3282. *Cestrum albotomentosum* Dammer	*l, s*	unn	APAJ 46:302.
3283. *Cestrum foetidissimum* Jacq.	*b*	parquine	Merck.
3284. *Cestrum nocturnum* L.	*l,s*	unn	APAJ 46:302.
3285. *Cestrum parqui* L'Herit.		parquine	Webb 232.
	l, s, fr	unn	APAJ 46:302.
	s	unn	Wall 55.
3286. *Cyphomandra betacea* Miers	*fr*	unn	Webb 268.
3287. *Datura alba* Nees	*l, s, fr*	hysocine	Henry 65.
	sd	hyoscyamine	Henry 65.
3288. *Datura arborea* L.	*l, r*	atropine	Henry 65.
	l, sd	hyoscine	Henry 65.
	s, r	hyoscyamine	Henry 65.
3289. *Datura aurea* Safford	*fr*	scopolamine	BA 24:25052.
3290. *Datura ceratocaula* Jacq.	*fr*	scopolamine	BA 24:25052.
3291. *Datura fastuosa* L.	*l*	atropine	Merck.
	l, s, fr, sd	hyoscine	Henry 65.
	l, s, fr, sd	hyoscyamine	Henry 65.
	fr	scopolamine	BA 24:25052.
3292. *Datura ferox* L.		cuscohygrine	CA 49:5780.
	r	3,6-ditigloyloxytropane	LCSJ 1959:1406.
	r	7 - hydroxy - 3,6 - ditigloyloxy-tropane.	CA 51:10547.
	w, r	hyoscine	CA 47:8836.
	w, r	hyoscyamine	CA 47:8836.
	w, r	meteloidine	CA 47:8836.
	r	3-tigloyloxytropane	LCSJ 1959:1406.
	r	tropine	LCSJ 1959:1406.
	r	ψ-tropine	LCSJ 1959:1406.
	r	unn	Naturw 45:187.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3293. *Datura inermis* Jacq.	*fr*	scopolamine	BA 24:25052.
3294. *Datura innoxia* Mill.	*r*	atropine	LCSJ 1959:1406.
	r	cuscohygrine	LCSJ 1959:1406.
	r	3,6-ditigloyloxytropane	CA 52:17310.
	r	7 - hydroxy - 3,6 - ditigloyloxy-tropane.	LCSJ 1959:1406.
	r	hyoscine	LCSJ 1959:1406.
	r	hyoscyamine	LCSJ 1959:1406.
	w	meteloidine	CA 47:7037.
	l, r	scopolamine	CA 49:11237.
	r	tropine	LCSJ 1959:1406.
	r	ψ-tropine	LCSJ 1959:1406.
	r	unn	CA 50:1261.
3295. *Datura insignis* Barb. Rodr.		hyoscyamine	BA 31:39465.
		meteloidine	BA 31:39465.
		scopolamine	BA 31:39465.
3296. *Datura leichhardtii* F. Muell.	*fr*	scopolamine	BA 24:25052.
3297. *Datura metel* L.	*l, fr, sd, r*	atropine	Henry 65.
		cuscohygrine	CA 49:5780.
	l, fr, sd, r	hyoscine	Henry 65.
		hyoscyamine	Orekhov 137.
		norhyoscyamine	M-H I 287.
	fr	scopolamine	BA 24:25052.
3298. *Datura meteloides* DC.	*w*	atropine	Henry 65.
	w	hyoscine	Henry 65.
		hyoscyamine	Orekhov 137.
	w	meteloidine	Henry 65.
	w	norhyoscyamine	Henry 65.
3299. *Datura quercifolia* H.B.K.	*l, sd*	hyoscine	Henry 65.
	l, sd	hyoscyamine	Henry 65.

3300. *Datura stramonium* L.		cuscohygrine	CA 49:5780.
	r	7-hydroxy-3,6-ditigloyloxytropane.	CA 51:10547.
	w, sd, r	hyoscine	Henry 65.
	w, sd, r	hyoscyamine	Henry 65.
	fr	scopolamine	BA 24:25052.
	l, s	unn	Wall 55.
3301. *Datura suaveolens* Humb. & Bonpl.	*l*	hyoscine	CA 52:5741.
	l	hyoscyamine	CA 52:5741.
		scopolamine	BA 32:17471.
	l	unn	APAJ 46:302
3302. *Datura tatula* L.	*l*	atropine	Webb 232.
	r	7-hydroxy-3,6-ditigloyloxytropane.	CA 51:10547.
	w	hyoscine	CA 47:8836.
	l	hyoscyamine	Webb 232.
	fr	scopolamine	BA 24:25052.
3303. *Duboisia hopwoodii* F. Muell.	*l*	nicotine	Henry 35.
	l	nornicotine	Henry 35.
3304. *Duboisia leichhardtii* F. Muell.	*l*	atropine	Webb 232.
	l	butropine	CA 49:6283.
	l	hyoscine	Henry 65.
	l	hyoscyamine	Henry 65.
	l	norhyoscyamine	Henry 65.
		tigloidine	APCP 25.
	l	valtropine	CA 49:6283.
3305. *Duboisia myoporoides* R. Br.	*l*	anabasine	LCSJ 1957:3967.
	l	base Z	LCSJ 1937:1820.
	seedlings	hyoscine	Nature 171:435.
	l	hyoscyamine	LCSJ 1937:1820.
	l	isopelletierine	LCSJ 1937:3967.
	l	isoporoidine	LCSJ 1938:1685.
	seedlings	nicotine	Nature 171:435.
	l	norhyoscyamine	Merck.
	seedlings	nornicotine	Nature 171:435.
	l	poroidine	LCSJ 1938:1685.
		scopolamine	Orekhov 150.
	l	tigloidine	LCSJ 1937:1820.
	l	valeroidine	LCSJ 1937:1820.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3306. *Fabiana imbricata* Ruiz & Pav.		unn	Klein 746.
3307. *Hyoscyamus albus* L.	*l, r, sd*	hyoscine	Henry 66.
	l, r, sd	hyoscyamine	Henry 66.
3308. *Hyoscyamus muticus* L.		hyoscine	CA 48:10296.
	l, s, sd	hyoscyamine	Henry 66.
3309. *Hyoscyamus niger* L.	*l, s, r, sd*	atropine	Henry 66.
		cuscohygrine	CA 49:5780.
	l, s, r, sd	hyoscine	Henry 66.
	l, s, r, sd	hyoscyamine	Henry 66.
3310. *Hyoscyamus reticulatus* L.	*w, sd*	hyoscyamine	Henry 66.
3311. *Juanulloa aurantiaca* Otto & Dietr.	*b*	parquine	Merck.
3312. *Lycium andersonii* A. Gray	*s*	unn	APAJ 46:302.
3313. *Lycium barbarum* L.		unn	Klein 744.
3314. *Lycium chinense* Mill.	*l, s, r*	unn	D-K.
3315. *Lycium halimifolium* Mill.	*l*	unn	Muen 210.
3316. *Lycium ruthenicum* Murr.	*w*	unn	CA 35:4154.
	w	unn	I–R.
3317. *Lycopersicon cerasiforme* Dun.	*l*	tomatidine	CA 51:1382.
3318. *Lycopersicon esculentum* Mill.	*fr*	narcotine	PC 204:112.
	l	solanidine	Schreiber.
	fr, l	tomatidine	Schreiber.
3319. *Lycopersicon glandulosum* C. H. Muller	*l*	tomatidine	Naturw 44:547
3320. *Lycopersicon hirsutum* H.B.K.	*w*	tomatidine	Schreiber.
3321. *Lycopersicon humboldtii* Dun.		tomatidine	CA 51:671.
3322. *Lycopersicon mexicanum*	*w*	tomatidine	Schreiber.
3323. *Lycopersicon peruvianum* Mill.	*w*	tomatidine	Schreiber.
3324. *Lycopersicon pimpinellifolium* Mill. (*L. racemigerum* Lange).	*w*	tomatidine	Schreiber.
3325. *Lycopersicon pruniforme*	*l*	tomatidine	CA 51:1382.
3326. *Lycopersicon pyriforme* Dun.	*l*	tomatidine	CA 51:1382.
3327. *Lycopersicon ribesiforme*	*l*	tomatidine	CA 51:1382.

3328. *Mandragora autumnalis* Bertol.	r	atropine	We 1106.
	r	hyoscyamine	We 1106.
	r	mandragorine	We 1106.
	r	scopolamine	We 1106.
3329. *Mandragora officinarum* L.		cuscohygrine	CA 49:5780.
	r	hyoscyamine	M–H I 313.
	r	mandragorine	M–H I 313.
		norhyoscyamine	Orekhov 146.
	r	scopolamine	M–H I 313.
3330. *Mandragora scopoliae*	l, s	hyoscyamine	Henry 66.
3331. *Mandragora turkomanica*		hyoscyamine	Sokolov 131.
3332. *Mandragora vernalis* Bertol.		hyoscine	Henry 66.
		hyoscyamine	Henry 66.
		ψ-hyoscyamine	Henry 66.
		mandragorine	Henry 66.
		norhyoscyamine	M–H I 287.
3333. *Mandragora* sp.	r	unn	BA 26:26009.
3334. *Nicandra physaloides* Gaertn.		unn	Klein 744.
3335. *Nicotiana acuminata* Hook.	l	nicotine	M–H I 230.
	l	nornicotine	Tob Sci 3:89.
3336. *Nicotiana affinis* Hort.	l, r	unn	BA 30:8575.
3337. *Nicotiana alata* Link & Otto	l	nicotine	M–H I 230.
3338. *Nicotiana angustifolia* Mill.	l	nicotine	M–H I 230.
3339. *Nicotiana attenuata* Torr.	w	nicotine	APAJ 34:199.
	w	nornicotine	APAJ 34:199.
3340. *Nicotiana benavidesii* Goodspeed	l	anabasine	Tob Sci 3:89.
	l	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3341. *Nicotiana benthamiana* Domin	l	anabasine	Tob Sci 3:89.
	l	nicotine	Tob Sci 3:89.
	l	nornicotine	M–H I 230.
3342. *Nicotiana bigelovii* S. Wats.	l	anabasine	Tob Sci 3:89.
	l	nicotine	M–H I 230.
	l	nornicotine	Tob Sci 3:89.
3343. *Nicotiana bonariensis* Lehm.	l	nicotine	M–H I 230.
3344. *Nicotiana caudigera* Phil.	l	nornicotine	M–H I 230.
3345. *Nicotiana cavanillesii* Dun.	l	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3346. *Nicotiana chinensis* Fisch.	l	nicotine	M–H I 230.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3347. *Nicotiana clevelandii* A. Gray	*l*	nicotine	M–H I 230.
3348. *Nicotiana colyzina*	*l*	nicotine	M–H I 230.
3349. *Nicotiana debneyi* Domin	*l*	anabasine	M–H I 231.
	l	nicotine	M–H I 231.
	l	nornicotine	Tob Sci 3:89.
3350. *Nicotiana eastii* Kostoff		nicotine	Orekhov 121.
	l	nornicotine	M–H I 230.
3351. *Nicotiana excelsior* J. M. Black	*l*	nicotine	CA 42:2399.
	l	nornicotine	CA 42:2399.
3352. *Nicotiana exigua* Wheeler	*l*	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3353. *Nicotiana glauca* R. Grah.	*l, r*	anabasine	M–H I 231.
	l, r	nicotine	M–H I 231.
	l	nornicotine	CA 52:14093.
3354. *Nicotiana glutinosa* L.	*r*	anabasine	ABB 80:258.
	r	anatabine	ABB 80:258.
	r	nicotine	ABB 80:258.
	r	nornicotine	ABB 80:258.
	l	nornicotine	M–H I 246.
3355. *Nicotiana goodspeedii* Wheeler	*l*	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3356. *Nicotiana gossei* Domin	*l*	anabasine	Tob Sci 3:89.
	l	nicotine	M–H I 230.
	l	nornicotine	Tob Sci 3:89.
	l, s, r	unn	Webb 268.
3357. *Nicotiana ingulba* J. M. Black	*l*	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3357A. *Nicotiana knightiana* Goodspeed	*l*	anabasine	Tob Sci 3:89.
	l	nicotine	Tob Sci 3:89.
	l	nornicotine	Tob Sci 3:89.
3358. *Nicotiana langsdorfii* Schrank	*l*	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.

3359. *Nicotiana longiflora* Cav.	*l*	nicotine	Tob Sci 3:89.
	l	nornicotine	Tob Sci 3:89.
3360. *Nicotiana macrophylla* Spreng.	*l*	nicotine	M–H I 230.
3361. *Nicotiana maritima* Wheeler	*l*	nornicotine	M–H I 230.
3362. *Nicotiana megalosiphon* Heurck & Muell. Arg.	*l*	anabasine	Tob Sci 3:89.
	l	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
	l, s, r, fl.	unn	Webb 268.
3363. *Nicotiana nesophila* I. M. Johnston	*l*	anabasine	Tob Sci 3:89.
	l	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3364. *Nicotiana nudicaulis* S. Wats.	*l*	anabasine	Tob Sci 3:89.
	l	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3365. *Nicotiana otophora* Griseb.	*l*	anabasine	Tob Sci 3:89.
	l	nicotine	Tob Sci 3:89.
	l	nornicotine	M–H I 230.
3366. *Nicotiana palmeri* A. Gray	*l*	anabasine	Tob Sci 3:89.
	l	nicotine	Tob Sci 3:89.
	l	nornicotine	M–H I 230.
3367. *Nicotiana paniculata* L.	*l*	anabasine	Tob Sci 3:89.
	l	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3368. *Nicotiana petiolaris* Schlecht.	*l*	nicotine	M–H I 230.
3369. *Nicotiana plumbaginifolia* Viv.	*l*	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3370. *Nicotiana quadrivalvis* Pursh	*l*	nicotine	M–H I 230.
3371. *Nicotiana raimondii* Macbride	*l*	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3372. *Nicotiana repanda* Willd.	*l*	anabasine	Tob Sci 3:89.
	l	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3373. *Nicotiana rosulata* (S. Moore) Domin	*l*	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3374. *Nicotiana rotundifolia* Lindl.	*l*	anabasine	M–H I 231.
	l	nicotine	M–H I 231.
	l	nornicotine	M–H I 231.
3375. *Nicotiana rusbyi* Britton	*l*	nornicotine	M–H I 230.
3376. *Nicotiana rustica* L.	*l*	nicotine	M–H I 230.

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Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3377. *Nicotiana sanderae* W. Wats.	*l*	nornicotine	M–H I 230.
3378. *Nicotiana sanguinea* Link & Otto	*l*	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3380. *Nicotiana solanifolia* Walp.	*l*	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3381. *Nicotiana stocktonii* Brandeg.	*l*	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3382. *Nicotiana suaveolens* Lehm.	*l*	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3382A. *Nicotiana sylvestris* Speg. & Comes	*l*	anabasine	Tob Sci 3:89.
	l	nicotine	M–H I 230.
	l	nornicotine	M–H I 230.
3383. *Nicotiana tabacum* L.	*r*	anabasine	ABB 80:258.
	r	anatabine	ABB 80:258.
	w	N-methylanabasine	Henry 45.
		N-methylpyrrolidine	M–H I 229.
	w	myosmine	BA 24:10588.
	w	nicoteine	Henry 46.
	w	nicotelline	Henry 46.
	w	nicotimine	Henry 45.
	w, r	nicotine	ABB 80:258.
	w	nicotyrine	Henry 40.
	w	nornicotine	Henry 37.
		piperidine	M–H I 229.
		pyrrolidine	M–H I 229.
3384. *Nicotiana texana* Maxim.	*l, r*	unn	BA 30:8575.
3385. *Nicotiana tomentosa* Ruiz & Pav.	*l*	nicotine	Tob Sci 3:89.
	l	nornicotine	M–H I 230.
3386. *Nicotiana tomentosiformis* Goodspeed	*l*	anabasine	Tob Sci 3:89.
	l	nicotine	M–H I 231.
	l	nornicotine	M–H I 231.

3387. *Nicotiana trigonophylla* Dun.	*r*	nicotine	APAJ 34:199.
	w, r	nornicotine	APAJ 34:199.
3388. *Nicotiana undulata* Ruiz & Pav.	*l*	anabasine	Tob Sci 3:89.
	l	nicotine	M–H I 231.
	l	nornicotine	M–H I 231.
3389. *Nicotiana velutina* Wheeler	*l*	nornicotine	M–H I 231.
	l, s, r	unn	Webb 268.
3390. *Nicotiana wigandioides* C. Koch & Fint.	*l*	nicotine	M–H I 230.
3391. *Nierembergia hippomanica* Miers		nierembergine	N–O.
3392. *Petunia violacea* Lindl.		unn	Klein 746.
3393. *Physalis alkekengi* L.	*fr*	unn	We 1105.
	w	unn	I–R.
3394. *Physalis angulata* L.	*w, s*	unn	Bisset 125.
3395. *Physalis lobata* Torr.	*l*	unn	APAJ 46:302.
3395A. *Physalis maritima* M. A. Curtis	*l, s, fr, r*	unn	Wall 55.
3396. *Physalis minima* L.	*l, s, fr*	unn	Webb 268.
3397. *Physalis mollis* Nutt.	*l, s*	unn	APAJ 46:302.
3400. *Physalis pendula* Rydb.	*l, s, fr*	unn	Webb 268.
3400A. *Physalis pruinosa* L.	*w*	unn	Wall 60.
3401. *Physalis turbinata* Medic.	*l, fr*	unn	APAJ 46:302.
3402. *Physalis wrightii* A. Gray	*l, s, r*	unn	APAJ 46:302.
3403. *Physalis* spp.	*l, s, fr, rb*	unn	Webb 241.
3404. *Physochlaina orientalis* G. Don		cuscohygrine	CA 49:5780.
	r	solanidine	We 1102.
3405. *Physochlaina physaloides* G. Don		cuscohygrine	CA 49:5780.
3406. *Physochlaina praealta* Miers	*l*	hyoscine	CA 47:5631.
	r	hyoscyamine	CA 47:5631.
3407. *Salpichroa rhomboidea* Miers	*l, s, fr*	unn	CA 50:10339.
3408. *Salpichroa tristis* Walp.	*l, s*	unn	APAJ 46:302.
3409. *Salpiglossis sinuata* Ruiz & Pav.	*l, s, r*	nornicotine	Naturw 45:338.
		unn	Klein 746.
3410. *Scopolia atropoides* Bercht. & Presl		scopolamine	Klein 744.
3411. *Scopolia carniolica* Jacq.		atropine	CA 52:12324.
	rh	hyoscine	Henry 66.
	rh	hyoscyamine	Henry 66.
		solanidine	Schreiber.
3412. *Scopolia himalaica*		himaline	CA 51:10765.
3413. *Scopolia hladnikiana* Fleischm.	*r*	hyoscyamine	We 1087.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3414. *Scopolia japonica* Maxim.	*l*	hyoscyamine	Henry 66.
	l	norhyoscyamine	Henry 66.
		scopolamine	Orekhov 150.
		solanidine	Schreiber.
3415. *Scopolia lurida* Dun.	*r*	atropine	CA 53:5590.
	r	cuscohygrine	CA 51:18483.
	l, s, r	himaline	CA 50:17200.
	r	hyoscine	Henry 66.
	l, s r	hyoscyamine	CA 51:18483.
		norhyoscyamine	Orekhov 146.
	l	unn	CA 51:5370.
3416. *Scopolia sinensis* Hemsl.		atropine	CA 48:13164.
		cuscohygrine	CA 49:5780.
		hyoscyamine	CA 48:13164.
		scopolamine	CA 48:13164.
3417. *Scopolia tangutica* Maxim.	*w*	atropine	CA 48:11727.
	w	hyoscyamine	CA 48:11727.
	w	scopolamine	CA 48:11727.
	w	unn	CA 50:1847.
3417A. *Solandra laevis* Hook.		atropine	Henry 66.
		hyoscyamine	Henry 66.
		noratropine	Henry 66.
		norhyoscyamine	Henry 66.
3417B. *Solandra longifiora* Tussac		norhyoscyamine	M–H I 287.
3418. *Solanum abutiloides* Bitter & Lillo	*l*	unn	Wall 15.
	l, s, r	unn	APAJ 46:302.
3419. *Solanum acaule* Bitter		solanidine	Schreiber.
3420. *Solanum aculeatissimum* Jacq.	*fr*	solanidine	Webb 232.
3421. *Solanum amblymerum* Dun.	*l, s, r*	unn	Webb 241.
3422. *Solanum andigena* Juzepczuk & Bukasov		solanidine	Schreiber.
3423. *Solanum angustifolium* Lam.	*l, s, fl*	solangustidine	We 1091.
3424. *Solanum antipoviczii* Bukasov		solanidine	Schreiber.

3425. *Solanum asperum* Vahl	*fr*	solanidine	We 1091.
3426. *Solanum auriculatum* Ait.	*fr*	solasodine	Henry 668.
		solauricidine	Henry 668.
	l, b, fr	unn	Webb 241.
3427. *Solanum aviculare* Forst. f.		solanidine	Schreiber.
	l	solasodine	Henry 666.
3428. *Solanum bahamense* L.	*l, s*	unn	APAJ 46:302.
3429. *Solanum boergeri* Bukasov		solanidine	Schreiber.
3430. *Solanum bonariense* L.	*fr*	solanidine	We 1099.
3431. *Solanum caavurana* Vell.	*l, fr*	solanidine	We 1091.
3432. *Solanum caniarense* Juzepczuk & Bukasov		solanidine	Schreiber.
3433. *Solanum capsicastrum* Link	*l, s*	unn	Webb 268.
3434. *Solanum carolinense* L.	*l, b, r, fr*	solanidine	We 1092.
	l, s, fr, r	unn	Wall 55.
3435. *Solanum catarthrum* Juzepczuk		solanidine	Schreiber.
3436. *Solanum cernuum* Vell.	*l, r*	solanidine	We 1091.
3436A. *Solanum chacoense* Bitter		solanidine	Schreiber.
3437. *Solanum chaucha* Juzepczuk & Bukasov		solanidine	Schreiber.
3438. *Solanum chenopodinum* F. Muell.		solanidine	Webb 232.
3439. *Solanum ciliatum* Lam.	*r*	unn	APAJ 46:302.
3440. *Solanum coactiliferum* J. M. Black	*w*	unn	Webb 268.
3441. *Solanum commersonii* Dun.		solanidine	Schreiber.
3442. *Solanum crispum* Bert.	*s*	natrine	CA 48:12142.
		solanidine	Schreiber.
3443. *Solanum demissum* Lindl.		demissidine	Schreiber.
3444. *Solanum depexum* Juzepczuk		demissidine	Schreiber.
3445. *Solanum dolichostigma* Bukasov	*l*	solanidine	Schreiber.
3446. *Solanum douglasii* Dun.	*fr*	solamargine	LCSJ 1958:1422.
3447. *Solanum dulcamara* L.	*sd*	atropine	CA 2:469.
	l, fr	soladulcidine	CA 52:4101.
		solanidine	Webb 232.
	l, s	unn	Wall 55.
3448. *Solanum elaeagnifolium* Cav.	*l, fr*	unn	APAJ 46:302.
3449. *Solanum ellipticum* R. Br.	*l, s, r*	unn	Webb 268.
3450. *Solanum esuriale* Lindl.	*l, s, r*	unn	Webb 268.
3451. *Solanum garciae* Juzepczuk & Bukasov		solanidine	Schreiber.
3452. *Solanum gayanum* Phil. f.		solanidine	Schreiber.
3453. *Solanum gibberulosum* Juzepczuk & Bukasov	*l*	solanidine	CA 45:2064.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3454. *Solanum gracile* Otto	*fr*	solamargine	LCSJ 1958:1422.
	l, s, fr, r	unn	APAJ 46:302.
3455. *Solanum grandiflorum* Ruiz & Pav.	*fr*	grandiflorine	We 1092.
	fr	solanidine	We 1092.
3456. *Solanum hibiscifolium* Rusby	*l, s, fr*	unn	APAJ 46:302.
3458. *Solanum horovitzii* Bukasov		demissidine	Schreiber.
		solanidine	Schreiber.
3459. *Solanum insanum* J. B. Fisch.		solanidine	Schreiber.
3460. *Solanum jamesii* Torr.		demissidine	Schreiber.
3461. *Solanum jasminoides* Paxt.		solanidine	Schreiber.
3462. *Solanum juciri* Mart.	*l, fl*	solanidine	We 1092.
3463. *Solanum laciniatum* Ait.	*fr*	solasodine	Webb 232.
	l, b, wd, pith	unn	Webb 241, 268.
3464. *Solanum laplaticum* Bukasov		solanidine	Schreiber.
3465. *Solanum leptostigma* Juzepczuk		solanidine	Schreiber.
3466. *Solanum lycocarpum* A. St. Hil.		lupanine	CA 46:3221.
3467. *Solanum macolae* Bukasov		solanidine	Schreiber.
3468. *Solanum macranthum* Dun.	*fr*	solasodine	CA 53:6282.
	fr	unn	APAJ 46:302.
3469. *Solanum maglia* Schlecht.		solanidine	Schreiber.
3470. *Solanum mammosum* L.	*fr*	solanidine	We 1092.
3471. *Solanum marginatum* L. f.	*fr*	solasodine	CA 47:6960.
3471A. *Solanum megacarpum* Koidz.	*l, s*	megacarpidine	CA 53:10271.
3472. *Solanum melanocarpum* Dun.		solanidine	Klein 745.
3473. *Solanum melongena* L.	*fr*	solanidine	CA 46:7659.
		trigonelline	Henry 671.
	l, s	unn	APAJ 46:302.
3474. *Solanum miniatum* Bernh.	*fr*	solamargine	LCSJ 1958:1422.
3475. *Solanum molinum* Fernald	*l*	solanidine	CA 45:2064.
3476. *Solanum muricatum* Ait.		solanidine	Schreiber.
3477. *Solanum nemophilum* F. Muell.	*l, s*	unn	Webb 268.

3478. *Solanum nigrum* L.	*fr*	solamargine	LCSJ 1958:1422.
		solanidine	Henry 661.
		solasodine	CA 53:9569.
	l, r	unn	Webb 241.
	l, s, fl, r	unn	Wall 55.
3479. *Solanum nodiflorum* Jacq.	*fr*	solasodine	LCSJ 1958:1422.
3480. *Solanum pallidum* Rusby	*l, s*	unn	APAJ 46:302.
3481. *Solanum panduraeforme* Drège		solasodine	Schreiber.
	fr	unn	CA 45:6213.
3482. *Solanum paniculatum* L.	*l, r*	solanidine	We 1092.
3483. *Solanum parodii* Juzepczuk & Bukasov	*l*	solanidine	Schreiber.
3484. *Solanum peckoltii* Damm. & Loes.	*l, fr*	solanidine	We 1091.
3485. *Solanum persicum* Willd.	*w*	unn	I–R.
3486. *Solanum peruvianum* L.	*l, s*	tomatidine	CA 45:2492.
3487. *Solanum phureja* Juzepczuk & Bukasov		solanidine	Schreiber.
3488. *Solanum pimpinellifolium* Hill	*l, s*	tomatidine	CA 45:2492.
3489. *Solanum pseudocapsicum* L.		solanidine	Webb 232.
	fr	solanocapsidine	Henry 670.
	fr	solanocapsine	Henry 670.
	l, r, fr	unn	Webb 268.
3490. *Solanum pulverulentum* Pers.	*l, s, fl*	solangustine	Merck.
3491. *Solanum punae* Juzepczuk		demissidine	Schreiber.
3492. *Solanum quitoense* Lam.	*l, s, r*	unn	APAJ 46:302.
3493. *Solanum racemosum* Jacq.	*l, s, fr*	unn	APAJ 46:302.
3494. *Solanum rionegrinum* Lechn.	*l*	demissidine	CA 45:2064.
	l	solanidine	Schreiber.
3495. *Solanum rostratum* Dun.	*l, s, r*	unn	APAJ 46:302.
3496. *Solanum rugosum* Dun.	*l*	unn	APAJ 46:302.
3497. *Solanum rybinii* Juzepczuk & Bukasov		solanidine	Schreiber.
3498. *Solanum sanitwongsei* Craib	*fr*	unn	CA 49:4936.
3499. *Solanum schickii* Juzepczuk & Bukasov	*l*	solanidine	CA 45:2064.
3500. *Solanum schreiteri* Bukasov	*l*	demissidine	CA 45:2064.
3501. *Solanum seaforthianum* Andr.	*l, rb*	unn	Webb 241, 268.
3502. *Solanum sodomeum* L.		solanidine	ARB 6:513.
		solasodine	Schreiber.
3503. *Solanum stelligerum* Sm.	*l, s, fl*	unn	Webb 268.
3504. *Solanum stenolomum* Juzepczuk & Bukasov		solanidine	Schreiber.
3505. *Solanum sturtianum* (?) F. Muell.	*l, s*	unn	Webb 268.
3506. *Solanum tetrathecum* F. Muell.	*l, s*	unn	Webb 268.
3507. *Solanum tomatillo* Phil. f.		solanidine	Schreiber.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
SOLANACEAE—Continued			
3508. *Solanum torvum* Sw.		solasodine	Schreiber.
3509. *Solanum tuberosum* L.	*l, fr, r*	unn	Webb 241.
	t	narcotine	CA 26:2799.
	l, fl, fr, t	solanidine	We 1093.
		solanidine-t	ARB 6:513.
3510. *Solanum validum* Rusby		trigonelline	Henry 7.
3511. *Solanum verbascifolium* L.	*l, s, fr*	unn	APAJ 46:302.
		solanidine	Schreiber.
3512. *Solanum verrucosum* Schlecht.	*l, b*	unn	Webb 241.
3512A. *Solanum villosum* Moench		solanidine	Schreiber.
3513. *Solanum xanthocarpum* Schrad. & Wendl.		solanidine	Schreiber.
		solasodine	Schreiber.
3514. *Solanum* spp.	*l, s, r*	unn	APAJ 46:302.
3515. *Vestia lycioides* Willd.	*l, s, fl, fr*	unn	Webb 241, 268.
3516. *Withania* (*Physalis*) *flexuosa* (L.) Hassk.		unn	We 1110.
3517. *Withania somnifera* Dun.		unn	Klein 744.
		nicotine	CA 47:2184.
		somniferine	CA 47:2184.
		somniferinine	CA 47:2184.
		somnine	CA 50:3713.
		withananine	CA 47:2184.
		withananinine	CA 47:2184.
		withanine	CA 47:2184.
		ψ-withanine	CA 50:3713.
SPARGANIACEAE			
3518. *Sparganium* spp.		unn	CA 48:11727.
STEMONACEAE			
3519. *Stemona japonica* Franch. & Sav.	*r*	protostemonine	CA 45:9546.
		stemonidine	Orekhov 728.
	r	stemonine	CA 45:9546.

3520. *Stemona ovata* Nakai		isostemonidine	Henry 765.
		stemonidine	Henry 765.
		stemonine	Henry 765.
3521. *Stemona sessilifolia* Franch. & Sav.	*r*	hodorine	Henry 766.
	r	protostemonine	CA 45:9546.
	r	stemonine	CA 45:9546.
		unn	Henry 766.
3522. *Stemona tuberosa* Lour.	*r*	hypotuberostemonine	CA 51:1540.
	r	isotuberostemonine	CA 51:1540.
	r	oxotuberostemonine	CA 49:15932.
	r	stemonine	Henry 766.
	r	tuberostemonine	Henry 766.
3523. *Stemona* sp.		paipunine	CA 34:7539.
		sinostemonine	CA 34:7539.
STERCULIACEAE			
3524. *Abroma augusta* L.	*r*	abromine	CA 52:14089.
	rb	unn	BA 24:13377.
	l, s	unn	Wall 55.
3525. *Brachychiton paradoxum* Schott (*Sterculia ramiflora* Benth.).	*sd*	unn	Webb 241.
2526. *Cola acuminata* Schott & Endl.	*l, fl, fr*	caffeine	We 768.
	l, fl, fr	theobromine	We 768.
3527. *Cola ballayi* Cornu	*sd*	caffeine	We 1282.
3528. *Cola johnsoni* Stapf	*sd*	caffeine	We 1282.
3529. *Cola nitida* Schott & Endl. (*C. acuminata*)	*sd*	caffeine	CA 6:2282.
	l, b	theobromine	CA 24:3534.
3530. *Cola verticillata* Stapf	*sd*	caffeine	CA 6:2282.
3531. *Commersonia bartramia* Merrill (*C. echinata* Forst.)	*b*	unn	Webb 268.
3532. *Guazuma ulmifolia* Lam.	*l*	caffeine	Freise.
3533. *Helicteres ovata* Lam.	*sd, l*	caffeine	Freise.
3534. *Heritiera littoralis* Ait.	*fr*	unn	Webb 268.
3535. *Keraudrenia corollata* Druce (*K. hookeriana* Walp.)	*l, s, fl, r*	unn	Webb 268.
3536. *Kleinhovia hospita* L.	*l*	unn	Bisset 125.
3537. *Pterospermum heyneanum* Wall.	*s*	unn	D–K.
3538. *Sterculia bequaertii* DeWild.	*l*	unn	We Sup 196.
3539. *Sterculia chicha* A. St. Hil.	*l*	caffeine	Freise.
3540. *Sterculia elata* Ducke	*l*	caffeine	Freise.
3541. *Sterculia foetida* L.	*sd*	unn	Webb 241.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
STERCULIACEAE—Continued			
3542. *Sterculia javanica* R. Br.	*sd*	unn	We 767.
3543. *Sterculia laurifolia* F. Muell.	*b*	unn	Webb 268.
3544. *Sterculia murex* Hemsl.	*sd*	unn	CA 25:3860.
3545. *Sterculia platanifolia* L. f.	*sd*	caffeine	Webb 232.
3546. *Sterculia pruriens* K. Schum.	*sd, l*	caffeine	Freise.
3547. *Sterculia ramiflora* Benth.	*sd*	unn	Webb 241.
3548. *Sterculia speciosa* K. Schum.	*sd, l*	caffeine	Freise.
3549. *Tarrietia argyrodendron* Benth.	*l, fl*	unn	Webb 241.
3550. *Theobroma bicolor* Humb. & Bonpl.	*sd, l*	caffeine	Freise.
	sd, l	theobromine	Freise.
3551. *Theobroma cacao* L.	*l, sd, r*	caffeine	We 770.
	l, sd, r	theobromine	We 770.
3552. *Theobroma grandiflora* K. Schum.	*sd, l*	caffeine	Freise.
	sd, l	theobromine	Freise.
3553. *Theobroma microcarpa* Mart.	*sd, l*	caffeine	Freise.
	sd, l	theobromine	Freise.
3554. *Theobroma obovata* Klotzsch	*sd, l*	caffeine	Freise.
	sd, l	theobromine	Freise.
3555. *Theobroma speciosa* Willd.	*sd, l*	caffeine	Freise.
	sd, l	theobromine	Freise.
3556. *Theobroma spruceana* Bernoulli	*sd, l*	caffeine	Freise.
	sd, l	theobromine	Freise.
3557. *Theobroma subincana* Mart.	*sd, l*	caffeine	Freise.
	sd, l	theobromine	Freise.
SYMPLOCACEAE			
3558. *Symplocos racemosa* Roxb.		loturidine	Webb 232.
		loturine	Webb 232.
TACCACEAE			
3559. *Tacca cristata* Jack	*r*	unn	D–K.
3560. *Tacca leontopetalodes* (L.) Kuntze	*l, sd, bu*	unn	Bisset 125.

TAMARICACEAE			
3561. *Reaumuria hypericoides* Willd.		unn	CA 48:11727.
3562. *Tamarix ramosissima* Ledeb.		unn	CA 48:11727.
TAXACEAE			
3563. *Cephalotaxus drupacea* Sieb. & Zucc.	*l*	unn	CA 50:13372.
3564. *Cephalotaxus pedunculata* Sieb. & Zucc.	*l, s*	unn	BA 12:5411.
3564A. *Cephalotaxus wilsoniana* Hayata	*l*	unn	CA 53:7514.
3565. *Cephalotaxus* sp.	*l, fl*	unn	Wall 26.
	fr	unn	Wall 15.
3565A. *Podocarpus macrophylla* D. Don	*l*	unn	CA 53:7514.
3566. *Taxus baccata* L.	*l*	ephedrine	Henry 635.
		ψ-ephedrine	Orekhov 672.
	l, s, fr	taxine	Henry 769.
	l	taxine A	LCSP 1958:9.
	l	taxine B	Archiv Pharm 291: 443.
	l	taxine–I	LCSP 1958:9.
3567. *Taxus canadensis* Willd.	*l*	taxinine	CA 48:12371.
	sd	unn	CA 48:12371.
3568. *Taxus cuspidata* Sieb. & Zucc.	*l*	unn	CA 50:13372.
3569. *Taxus fastigiata* Lindl. & Gord.	*l, sd*	taxine	CA 4:2864.
3570. *Taxus floridana* Nutt.	*l*	unn	CA 50:13372.
3570A. *Taxus speciosa* Florin	*l*	unn	CA 53:7514.
TERNSTROEMIACEAE			
3571. *Eurya acuminata* DC.	*s*	unn	D–K.
3572. *Ploiarum alternifolium* Melchior	*l*	unn	Arthur.
THEACEAE			
3573. *Camellia assamica* (J. W. Mast.) Kitamura	*l, fl, sd*	caffeine	We 782.
3574. *Camellia theifera* Griff.	*l, fl, fr, sd*	caffeine	We 778.
3575. *Thea sinensis* L.	*l, fl, fr*	caffeine	We 778.
	l	theobromine	CA 49:4237.
	l	theophylline	CA 49:4237.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
THYMELAEACEAE			
3576. *Daphne transcaucasica*		unn	CA 48:11727.
3577. *Phaleria ambigua* Boerl.	*b, l*	unn	We 814.
3578. *Phaleria urens* Koord.	*b, l*	unn	We 814.
3579. *Pimelea colorans* Lindl. (*P. collina* R. Br.)	*l, s*	unn	Webb 268.
3580. *Pimelea decora* Domin	*l, s*	unn	Webb 268.
3581. *Pimelea haematostachya* F. Muell.	*l, fl*	unn	Webb 241.
3582. *Pimelea linifolia* Sm.	*w, r*	unn	Webb 241.
3583. *Wikstroemia indica* C. A. Mey.	*l, fr, r*	unn	Webb 241.
3584. *Wikstroemia ridleyi* Gamble	*s*	unn	D–K.
TILIACEAE			
3585. *Corchorus* sp.	*l, s, r, fr*	unn	Webb 268.
3586. *Grewia polygama* Roxb.	*l*	unn	Webb 241.
TURNERACEAE			
3587. *Piriqueta ulmifolia*	*sd*	caffeine	Freise.
3588. *Turnera ulmifolia* L.	*sd*	caffeine	Freise.
TYPHACEAE			
3589. *Typha angustata* Bory & Chaub.		unn	CA 48:11727.
3589A. *Typha glauca* Godr.	*l, s, fr*	unn	Wall 55.
3590. *Typha minima* Hoffm.		unn	CA 48:11727.
ULMACEAE			
3591. *Celtis paniculata* Planch.	*l, s*	unn	Webb 268.
3592. *Celtis reticulosa* Miq.	*wd*	celtine	Webb 232.
3593. *Trema micrantha* Blume	*fr*	tremidine	CA 48:1490.
	fr	tremine	CA 48:1490.

UMBELLIFERAE			
3594. *Aethusa cynapium* L.		coniine	M–H I 211.
3595. *Ammi majus* L.	*l, fr*	unn	Webb 241.
3596. *Apium leptophyllum* F. Muell.	*l, s*	unn	Webb 268.
3596A. *Bupleurum aureum* Fisch.	*l*	unn	BA 33:11412.
3596B. *Bupleurum scorzoneraefolium* Willd. (*B. falcatum* L.).	*l*	unn	BA 33:11412.
3597. *Chaerophyllum bulbosum* L.	*l, fr*	chaerophylline	Merck.
3598. *Chaerophyllum prescottii* DC.		chaerophylline	Sokolov 128.
3599. *Chaerophyllum temulum* L.	*l*	chaerophylline	We 882.
3599A. *Conioselinum chinense* (L.) B.S.P.	*l, s, fl*	unn	Wall 55.
3600. *Conium maculatum* L.	*l, s, fl, fr*	conhydrine	Henry 13.
	l, s, fl, fr	ψ-conhydrine	Henry 13.
	l, s, fl, fr	coniceine	Henry 13.
	l, s, fl, fr	coniine	Henry 13.
	l, s, fl, fr	N-methylconiine	Henry 13.
		2-methylpiperidine	CA 51:1381.
		piperidine	CA 51:1381.
3601. *Daucus carota* L.	*l*	daucine	Henry 773.
	l	pyrrolidine	M–H I 91.
3602. *Foeniculum vulgare* Mill.	*l, s, sd*	unn	Webb 241.
3603. *Heracleum asperum* Bieb.	*l, fl*	unn	I–R.
3604. *Hippomarathrum crispum* Koch	*s, fr*	unn	I–R.
3605. *Hydrocotyle asiatica* L.		hydrocotyline	Henry 775.
3606. *Hydrocotyle pedicellosa* Benth.	*l, s*	unn	Webb 241.
3606A. *Levisticum officinale* W. D. J. Koch	*l, s, fl, fr*	unn	Wall 55.
3607. *Ligusticum alatum* Spreng.		unn	CA 48:11727.
3608. *Ligusticum wallichii* Franch.		unn	CA 52:15828.
3609. *Pastinaca sativa* L.	*w*	unn	We 894.
3610. *Petroselinum sativum* Hoffm.	*l, r*	unn	CA 53:11536.
3611. *Prangos pabularia* Lindl.	*sd*	prangosine	CA 53:3606.
3611A. *Sanicula marilandica* L.	*l, s, r*	unn	Wall 55.
3612. *Trachymene glaucifolia* Benth.	*s*	unn	Webb 268.
URTICACEAE			
3613. *Aphananthe philippinensis* Planch.	*l*	unn	Webb 241.
3614. *Boehmeria cylindrica* Sw.		unn	CA 48:11727.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
URTICACEAE—Continued			
3615. *Laportea pholiniphylla* Wedd.	*l, b*	unn	Webb 268.
3616. *Parietaria officinalis* L.		coniine	CA 47:1893.
3617. *Urtica dioica* L.	stinging hairs	5-hydroxytryptamine	CA 52:14057.
3617A. *Urtica urens* L.	stinging hairs	5-hydroxytryptamine	CA 50:14057.
			CA 42:2651.
USTILAGINACEAE			
3618. *Ustilago maydis* (DC.) Cda.	sp	ustilaginine	Henry 783.
	sp	ustilagotoxine	Henry 783.
VALERIANACEAE			
3619. *Valeriana officinalis* L.	*r*	chatinine	Henry 778.
	r	valerine	Henry 778.
	r	unn	Henry 778.
3620. *Valeriana* sp.		unn	CA 48:11727.
VERBENACEAE			
3621. *Callicarpa longifolia* Lam.	*l*	unn	Webb 241.
3622. *Clerodendron floribundum* R. Br.	*l*	unn	Webb 268.
3622A. *Clerodendron indicum* Kuntze	*l, s, fr, r*	unn	Wall 60.
3623. *Clerodendron macrosiphon* Hook. f.	*l*	unn	We 1024.
3624. *Clerodendron serratum* Spreng.	*l*	unn	We 1024.
3625. *Clerodendron siphonanthus* R. Br.	*l*	unn	We 1024.
3626. *Clerodendron tomentosum* R. Br.	*l*	unn	Webb 241.
3627. *Clerodendron* sp.	*l, s*	unn	D–K.
3628. *Duranta ellisia* Jacq.	*fr*	unn	Webb 232.
3629. *Duranta plumieri* Jacq.	*fr*	unn	BA 13:12223.
3630. *Faradaya splendida* F. Muell.	*r*	unn	Webb 241.

3631. *Glossocarya hemiderma* Benth. & Hook. f. (*Clerodendron hemiderma* F. Muell.).	*l*	unn	Webb 241.
3632. *Gmelina fasciculiflora* Benth.	*b*	unn	Webb 241.
3633. *Lantana brasiliensis* Link	*l*	lantanine	Klein 748.
3634. *Lantana camara* L.	*s*	unn	PPAJ 40:332.
3635. *Premna integrifolia* L. (*P. corymbosa* Rottl. & Willd.).	*b*	ganiarine	Henry 777.
	b	premnine	Henry 777.
3636. *Premna nauseosa* Blanco	*l, b*	unn	Webb 268.
3637. *Spartothamnella juncea* Briq. (*Spartothamnus junccus* A. Cunn.).	*l, s*	unn	Webb 241.
3638. *Stachytarpheta indica* Vahl	*l*	unn	Arthur.
	s, r, fl	unn	D–K.
3639. *Stachytarpheta mutabilis* (Jacq.) Vahl	*l, s*	unn	Webb 241.
3640. *Verbeana bonariensis* L.	*l, s, fl, r*	unn	Webb 241.
	l, s, fl	unn	Wall 55.
3641. *Verbena tenera* Spreng	*l, s*	unn	Webb 241.
3642. *Verbena venosa* Gill. & Hook.	*l, s, fl, r*	unn	Webb 241.
3643. *Vitex acuminata* R. Br.	*l, b*	unn	Webb 241.
3644. *Vitex agnus-castus* L.	*fr*	unn	Webb 232.
3645. *Vitex negundo* L.	*l*	nishindine	Henry 778.
3646. *Vitex pubescens* Miq.	*l*	unn	Arthur.
3647. *Vitex taruma* Mart.	*sd*	unn	Hocking 243.
3648. *Vitex trifolia* L.	*l, fr*	unn	We 1023.
VIOLACEAE			
3649. *Anchietea salubris*	*rb*	unn	We 800.
3650. *Hybanthus enneaspermus* F. Muell.	*w*	unn	Webb 241.
3651. *Hybanthus filiformis* F. Muell.	*w*	unn	Webb 241.
3651A. *Hybanthus indecorus* Baill.		emetine(?)	Sokolov 127.
3652. *Hymenanthera dentata* R. Br.	*l*	unn	Webb 268.
3653. *Viola odorata* L.	*r*	unn	We 798.
3654. *Viola tricolor* L.	*fl*	unn	Klein 722.
VITACEAE			
3655. *Ampelocissus arachnoidea* Planch.	*sd*	unn	Bisset 125.
3656. *Cayratia acris* Domin	*l*	unn	Webb 241.

Table 1.—*Plants and their contained alkaloids*—Continued

Plant—Entry No., family, genus, and species	Plant part	Alkaloid	Reference
WINTERACEAE			
3657. *Drimys insipida* Druce (*D. dipetala* F. Muell.)	*l*	unn	Webb 268.
3658. *Drimys membranea* F. Muell.	*l, s, b*	unn	Webb 268.
ZYGOPHYLLACEAE			
3659. *Balanites orbicularis* Sprague	*sd*	unn	CA 24:517.
3659A. *Kallstroemia hirsutissima* Vail	*l, s*	unn	Wall 60.
3660. *Nitraria schoberi* L.	*l*	unn	Webb 268.
3661. *Peganum harmala* L.	*l, s*	alkaloids No. 1 and 2	CA 52:18501.
	sd	harmaline	C–B–G 256.
	sd	harmalol	C–B–G 256.
	sd	harmine	C–B–G 256.
	sd	peganine	C–B–G 256.
	s, fl, sd	vasicine	CA 33:9306.
3661A. *Peganum mexicanum* A. Gray	*l, s, fl, r*	unn	Wall 60.
3662. *Tribulus astrocarpus* F. Muell.	*l, s*	unn	Webb 268.
3663. *Tribulus terrestris* L.		unn	C–B–G 256.
	w	unn	Webb 241.
	l, s, fl	unn	Wall 55.
3664. *Zygophyllum apiculatum* F. Muell.	*l*	unn	Webb 241.
3665. *Zygophyllum atriplicoides* Fisch. & Mey.		unn	CA 48:11727.
3666. *Zygophyllum fabago* L.		zygofabagine	Sokolov 124.
PLANT NAME NOT KNOWN OR INCOMPLETE			
3667. *Calabash curare* and *Strychnos* spp.	bark	C-alkaloids A, B, C, D, E, F, G, H, I, J, L, M, O, P, UB, X, Y, 1, 2.	Nature 176:277.
		C-calebassinine	Nature 176:277.
		caracurines I–IX	Nature 176:277.
		C-curarines I–III	Nature 176:277.
		C-dihydrotoxiferine I	Nature 176:277.

		fedamazine	Nature 176:277.
		C-fluorocurine	Nature 176:277.
		C-fluorocurinine	Nature 176:277.
		C-guaianine	Nature 176:277.
		C-isodihydrotoxiferine	Nature 176:277.
		lochneram	Nature 176:277.
		C-mavacurine	Nature 176:277.
		melinonines A, B	Nature 176:277.
		nordihydrotoxiferine	Nature 176:277.
		C-toxiferines I, II	Nature 176:277.
		C-xanthocurine	Nature 176:277.
3668. Chin-Kuo-Lan		calystigine	CA 52:15827.
3669. *Anabasis jaxartica*[3]	*w*	jaxartinine	CA 53:7506.
	w	N-methyl-2-(4-hydroxyphenyl)-ethylamine.	CA 53:7506.
3670. *Antitoxicum funebre*[3]	*w*	antofine	CA 53:7506.
	w	unn. (2)	CA 53:7506.
3671. *Petrocapnos* spp.[3]		protopine	M–H IV 158.

[3] Not in Index Kewensis.

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Table 2.—*Alkaloids and the plants in which they occur*

Alkaloid	Formula	Plant entry No. in table 1
abrine	$C_{12}H_{14}N_2O_2$	1515
abromine	$C_8H_{13}NO_2$	3524
abrotine	$C_{21}H_{28}N_2O$	865
acalyphine	----------	1193
acanthospermine	----------	854
O-acetylacrifoline	$C_{18}H_{25}NO_3$	2222
acetylcaranine (bellamarine)	$C_{19}H_{19}NO_4$	75, 81
N-acetylmescaline	$C_{13}H_{19}NO_4$	690
achiceine	$C_{11}H_{17}NO_4$	855
achilleine	$C_{14}H_{26}N_2O_6$	855, 856
acnistine	----------	3266
aconine	$C_{25}H_{41}NO_9$	2689, 2712
aconitine	$C_{34}H_{47}NO_{11}$	2683, 2685, 2686, 2688, 2689, 2691, 2692, 2694, 2695, 2697, 2698, 2700, 2701, 2705, 2706, 2708, 2709, 2711, 2712, 2713, 2714, 2719, 2721, 2722, 2724, 2727, 2728, 2729, 2730, 2731, 2733, 2735
ψ-aconitine	$C_{36}H_{51}NO_{12}$	2684 2690, 2693, 2732
acrifoline (L27)	$C_{18}H_{23}NO_3$	2222, 2223, 2234
acronidine	$C_{18}H_{17}NO_4$	3003
acronycidine	$C_{18}H_{15}NO_5$	3003, 3112
acronycine	$C_{20}H_{19}NO_3$	3003, 3112
acsinatine	$C_{21}H_{27}NO_4$	2691
acsine	$C_{21}H_{29}NO_5$	2691
actinodaphnine	$C_{18}H_{17}NO_4$	1450, 1508
acutumine	$C_{20}H_{27}NO_8$	2347
adenocarpine (teidine)	$C_{19}H_{24}N_2O$	1587, 1588, 1590, 1591, 1593, 1594, 1720
adlumidine	$C_{19}H_{15}NO_6$	2504, 2525, 2540
adlumine	$C_{21}H_{21}NO_6$	2504, 2532, 2535, 2536, 2540
aegelenine	$C_{14}H_{19}N_2O_2$	3014
aegelin	$C_{18}H_{19}N_3O$	3014
agarythrine	----------	22
agroclavine	$C_{18}H_{18}N_2$	1389
ajacine	$C_{34}H_{46}N_2O_9$	2750
ajacinine	$C_{22}H_{37}NO_6$	2750
ajacinoidine	$C_{36}H_{56}N_2O_{12}$	2750
ajaconine	$C_{22}H_{33}NO_5$	2750
ajmalicine (alkaloid F, vincaine, vinceine, δ-yohimbine).	$C_{21}H_{24}N_2O_3$	323, 363, 366, 374, 378, 383, 393, 396, 399, 401, 408, 438
ajmalidine	$C_{20}H_{24}N_2O_2$	399
ajmaline	$C_{20}H_{26}N_2O_2$	363A, 364, 366, 370, 371, 372, 374, 375, 378, 386, 398, 399, 401, 403, 405, 408, 427
ajmalinine	$C_{20}H_{26}N_2O_3$	399, 401, 408
akharkantine	----------	1090
akuammenine	$C_{20}H_{22}N_2O_4$	352
akuammicine	$C_{20}H_{20}N_2O_2$	352, 353
ψ-akuammicine	$C_{19}H_{20}N_2O_2$	352
akuammidine	$C_{21}H_{24}N_2O_3$	352, 353
akuammigine	$C_{21}H_{24}N_2O_3$	352, 353
ψ-akuammigine	$C_{21}H_{24}N_2O_3$	352, 353
akuammiline	$C_{22}H_{24}N_2O_4$	352
akuammine (vincamajoridine)	$C_{22}H_{26}N_2O_4$	352, 353, 438

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table I
alamarckine	$C_{26}H_{36}N_2O_4$	1090
alangine	$C_{19}H_{25}NO_2$	1090
alanginine		1090
alangium A and B	$C_{21}H_{25}NO_3$	1090
albomaculine	$C_{19}H_{23}NO_5$	119
alginine	$C_{23}H_{39}NO_3$	2083
alkaloid A (ex *Aspidosperma polyneuron*).		264
alkaloid A (ex *Buxus sempervirens*).	$C_{25}H_{42}N_2O$	648
alkaloid A (ex *Rauvolfia serpentina*) (reserpinine, 11-methoxy-δ-yohimbine, raubasine).	$C_{22}H_{26}N_2O_4$	401
alkaloid A (ex *Strychnos toxifera*).	$C_{20}H_{22}N_2O$	2208
alkaloid B (ex *Aspidosperma polyneuron*).		264
alkaloid B (ex *Buxus sempervirens*).	$C_{24}H_{42}N_2O$	648
alkaloid B (ex *Gentiana macrophylla*).	$C_9H_9NO_2$	1283A
alkaloid B (ex *Strychnos toxifera*).	$C_{20}H_{24}N_2O$	2208
alkaloid C (ex *Buxus sempervirens*).	$C_{24}H_{42}N_2O$	648
alkaloid C (ex *Gentiana macrophylla*).		1283A
alkaloid C (ex *Rauvolfia serpentina*) (11-methoxy-δ-yohimbine).	$C_{22}H_{26}N_2O_4$	401
alkaloid C (ex *Strychnos solimoesana*).		2203
alkaloid $C_{18}H_{27(29)}NO_3$	$C_{18}H_{27(29)}NO_3$	727
alkaloid D (ex *Buxus sempervirens*).	$C_{29}H_{50}N_2O$	648
alkaloid D (ex *Strychnos solimoesana*).		2203
alkaloid D_2	$C_{39}H_{45}N_4O$	299
alkaloid E_1 (ex *Geissospermum vellosii*).	$C_{20}H_{24}N_2$	299
alkaloid E (ex *Strychnos solimoesana*).		2203
alkaloid F (ajmalicine) (ex *Rauvolfia serpentina*).	$C_{21}H_{24}N_2O_3$	401
alkaloid F (ex *Strychnos solimoesana*).		2203
alkaloid G		2203
alkaloid J		2209
alkaloid L (ex *Buxus sempervirens*).	$C_{27}H_{48}N_2$	648
alkaloid L (ex *Lespedeza bicolor*)	$C_{12}H_{16}N_2$	1856
alkaloid L (ex *Strychnos subcordata*).		2204
alkaloid M	$C_{27}H_{46}N_2O$	648
alkaloid Me 87		1389
alkaloid N	$C_{22}H_{28}NO_2$	648
alkaloid No. 1	$C_{11}H_{10}N_2O$	3661
alkaloid No. 2	$C_{11}H_{10}N_2O_2$	3661
alkaloid P_1	$C_{15}H_{23}N_2O$	1883
alkaloid S–C	$C_{18}H_{25}NO_6$	985

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
alkaloid S-D	$C_{16}H_{25}NO_5$	985
alkaloid V	$C_{25}H_{42}NO_6$	2780
alkaloid X (ex *Claviceps purpurea*).	$C_{19}H_{20}N_2O$	1389
alkaloid X (ex *Veratrum album*).		2125
alkaloid α		2162
alkaloid γ		2162
alkaloid δ	$C_{34}H_{45}N_3O_2$	2162
alkaloid ε		2162
C-alkaloid A	$C_{20}H_{23}N_2O_2$	2191, 2212, 3667
C-alkaloid B	$C_{23}H_{23}N_2O$	2191, 2212, 3667
C-alkaloid C		2191, 2212, 3667
C-alkaloid D	$C_{20}H_{21}N_2O$	2212, 3667
C-alkaloid E	$C_{19}H_{23}N_2O$	2212, 3667
C-alkaloid F	$C_{20}H_{23}N_2O_2$	2212, 3667
C-alkaloid G	$C_{20}H_{23}N_2O$	2212, 3667
C-alkaloid H		2212, 3667
C-alkaloid I	$C_{19}H_{22-25}N_2$	2191, 2212, 3667
C-alkaloid J	$C_{19}H_{21}N_2$	2212, 3667
C-alkaloid L		2212, 3667
C-alkaloid M		2212, 3667
C-alkaloid O	$C_{20}H_{24}N_2O$	2212, 3667
C-alkaloid P	$C_{20}H_{22}N_2O$	2212, 3667
C-alkaloid Q	$C_{22}H_{27}N_3O_4$	2212
C-alkaloid R	$C_{21}H_{25}N_2O_2$	2212
C-alkaloid S	$C_{19-20}H_{22-24}N_2$	2212
C-alkaloid T		2212
C-alkaloid UB	$C_{19}H_{24}N_2O_3$	2208, 2212, 3667
C-alkaloid X		2208, 2212, 3667
C-alkaloid Y		2208, 2212, 3667
C-alkaloid 1	$C_{20}H_{20}N_2$	3667
C-alkaloid 2	$C_9H_8N_2O$	2212, 3667
U-alkaloid B	$C_{18}H_{20}N_2$	270
U-alkaloid C (guatambuine)	$C_{18}H_{20}N_2$	270
U-alkaloid D	$C_{17}H_{14}N_2$	270
α-allocryptopine (β-homochelidonine).	$C_{21}H_{23}NO_5$	2504, 2506, 2507, 2509, 2510, 2511, 2512, 2513, 2515, 2517, 2519, 2532, 2535, 2538, 2539, 2543, 2544, 2547, 2549, 2551, 2555, 2556, 2564, 2565, 2566, 2569, 2573, 2574, 2586, 2590, 2593, 3161
β-allocryptopine (γ-homochelidonine).	$C_{21}H_{23}NO_5$	2513, 2556, 2574, 2593
alloyohimbine	$C_{21}H_{26}N_2O_3$	401, 2894
aloperine	$C_{15}H_{24}N_2$	1990
alphonsine		196
alstonamine		246
alstonidine		238
alstoniline	$C_{22}H_{18}N_2O_3$	238
alstonine	$C_{21}H_{20}N_2O_3$	238, 242, 374, 388, 408, 438
alvanidine	$C_{20}H_{35}NO_2$	2081
alvanine	$C_{28}H_{43}NO_3$	2081
α-amanitine	$C_{39}H_{52}N_{10}O_{14}S$	26
β-amanitine		26
γ-amanitine		26
amaryllidine		72
ambaline	$C_{28}H_{42}N_2O_{10}$	2345
ambalinine	$C_{17}H_{21}NO_3$	2345

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
ambelline	$C_{18}H_{21}NO_5$	72, 79, 81, 85, 98, 105, 160, 163, 168
amianthine	$C_{27}H_{41}NO_2$	2042
20α - amino - 3β - hydroxy - 5 - pregnene.	$C_{21}H_{35}NO$	283A
ammodendrine	$C_{12}H_{20}N_2O$	1604
ammothamnine	$C_{15}H_{24}N_2O_2$	1606
amsoniaefoline		361
amsonine (β-yohimbine)	$C_{21}H_{26}N_2O_3$	255
anabasine	$C_{10}H_{14}N_2$	808, 1064, 3305, 3340, 3341, 3342, 3349, 3353, 3354, 3356, 3357A, 3362, 3363, 3364, 3365, 3366, 3367, 3372, 3374, 3382A, 3383, 3386, 3388
anacyclin	$C_{18}H_{25}NO$	861
anagyrine (monolupine)	$C_{15}H_{20}N_2O$	1604, 1608, 1629, 1630, 1632, 1695, 1703, 1715, 1814, 1815, 1825, 1828, 1864, 1869, 1879, 1883, 1894, 1979, 1993, 1994, 2007, 2024, 2025, 2033, 2034
anatabine	$C_{10}H_{12}N_2$	3354, 3383
andirine	$C_{10}H_{13}NO_3$	1609, 1610, 1611, 1612
angeloylzygadenine		2125
angoline	$C_{23}H_{25}NO_3$	3062
angolinine	$C_{24}H_{23}NO_4$	3062
angustifoline	$C_{14}H_{22}N_2O$	1865, 1890
anhalamine	$C_{11}H_{15}NO_3$	684, 690
anhalidine	$C_{12}H_{17}NO_3$	684, 690
anhaline (hordenine)	$C_{10}H_{15}NO$	688, 690, 704
anhalinine	$C_{12}H_{17}NO_3$	684, 690
anhalonidine	$C_{12}H_{17}NO_4$	679, 684, 690
anhalonine	$C_{12}H_{15}NO_3$	658, 676, 684, 689, 690, 708
anibine	$C_{11}H_9NO_3$	1453, 1454
N - (2 - *p* - anisylethyl) - N - methylcinnamamide.	$C_{19}H_{21}NO_2$	3163
ankoline	$C_{17}H_{24}N_2O_4$	1090
annotine (L 11)	$C_{14}H_{21}NO_2$	2222, 2225
annotinine	$C_{14}H_{21}NO_2$	2222, 2223
annotoxine	$C_{32}H_{44}N_2O_8$	2222
annuloline	$C_{20}H_{19}NO_4$	1346
anolobine	$C_{17}H_{15}NO_3$	205, 208
anonaine	$C_{17}H_{15}NO_2$	201, 203, 204
anoniine	$C_{17}H_{15}NO_3$	201
anthocerine		3270
anthorine	$C_{22}H_{31}NO_2$	2682
ψ-anthorine		2682
anthranoyllycoctonine	$C_{32}H_{44}N_2O_8$	2752, 2757
antofine	$C_{23}H_{25}NO_3$	3670
aphyllidine	$C_{15}H_{22}N_2O$	808
aphylline	$C_{15}H_{24}N_2O$	808
apoatropine	$C_{17}H_{21}NO_2$	3271
apocinine		1264
aporeidine		2580
aporeine	$C_{18}H_{15}NO_2$	2580, 2589
aquaticine	$C_{18}H_{25}NO_5$	970
arachine	$C_5H_{14}N_2O$	1614
arborine (glycosine)	$C_{15}H_{12}N_2O$	3090
arborinine	$C_{16}H_{15}NO_4$	3090
arecaidine (arecaine)	$C_7H_{11}NO_2$	2498

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
arecaine (arecaidine)	$C_7H_{11}NO_2$	2498
arecolidine	$C_8H_{13}NO_2$	2498
arecoline	$C_8H_{13}NO_2$	2498, 2499
argemonine (protopine)	$C_{20}H_{19}NO_5$	2506, 2507
aribine (loturine)	$C_{23}H_{20}N_4$	2830, 2989
aricine (heterophyllin)	$C_{22}H_{26}N_2O_4$	366, 378, 398, 399, 403, 2850, 2857, 2866, 2868
aristidinic acid	$C_{18}H_{13}NO_7$	479
aristinic acid	$C_{16}H_{13}NO_7$	479
aristolic acid	$C_{18}H_{11}NO_7$	479
aristolochic acid	$C_{17}H_{11}NO_7$	481, 491
aristolochine	$C_{17}H_{19}NO_3$	479, 480, 481, 484, 486, 488, 489, 491
armepavine	$C_{19}H_{23}NO_3$	2577, 2581
aromoline	$C_{36}H_{38}N_2O_6$	2371, 2375
artabotrine	$C_{21}H_{25}NO_4$	207
artabotrinine		205, 207
artarine	$C_{21}H_{23}NO_4$	3068, 3175
asarine		494
Ashio base I	$C_{24}H_{37-39}NO_3$	2720
Ashio base II	$C_{26}H_{33}NO_6$	2720
Ashio base III	$C_{27}H_{31}NO_6$	2720
asiminine		205, 208
aspidosamine	$C_{20}H_{28}N_2O_2$	263, 266, 267, 268
aspidospermanine		263, 264
aspidospermatine	$C_{22}H_{28}N_2O_2$	266, 267
aspidospermicine	$C_{17}H_{24}NO$	263, 264, 267
aspidospermine	$C_{22}H_{30}N_2O_2$	258, 263, 264, 265, 266, 267, 268, 269, 429, 430
atherospermidine	$C_{16}H_{13}NO_4$	2369
atherosperminine	$C_{20}H_{23}NO_2$	2369
atidine	$C_{22}H_{33}NO_2$	2699
atisine	$C_{22}H_{31}NO_2$	2682, 2699
atropine	$C_{17}H_{23}NO_3$	3271, 3272, 3273, 3288, 3291, 3294, 3297, 3298, 3302, 3304, 3309, 3328, 3411, 3415, 3416, 3417, 3417A, 3447
auricularine	$C_{42}H_{55}N_5O$	2909
aurotensine (scoulerine)	$C_{19}H_{21}NO_4$	2515, 2530, 2534, 2538
avadharidine	$C_{36}H_{51}N_3O_{10}$	2714
avadharine	$C_{22}H_{31}NO_3$	2714
azaridine		2288
aztequine	$C_{36}H_{40}N_2O_7$	2253
baccharine		876
bakankosine	$C_{16}H_{23}NO_6$	2210
baptifoline	$C_{15}H_{20}N_2O_2$	1629, 1630, 1994
base A (ex *Bocconia arborea*)	$C_{20}H_{17}NO_4$	2509
base A (ex *Chondodendron limaciifolium*).	$C_{36}H_{38}N_2O_6$	2306
base A (ex *Skimmia japonica*)	$C_9H_{17}NO$	3153
base B (ex *Bocconia arborea*)	$C_{20}H_{15}NO_4$	2509
base B (ex *Chondodendron limaciifolium*).	$C_{35}H_{36}N_2O_8$	2306
base B (ex *Corydalis ambigua*)	$C_{20}H_{23}NO_4$	2514
base B (ex *Delphinium ajacis*)	$C_{26}H_{39}NO_7$	2750
base B (ex *Skimmia japonica*)	$C_9H_{13}NO$	3153
base B_1	$C_{20}H_{31}NO_5$	1090
base B_2	$C_{27}H_{43}NO_6$	1090
base B_3	$C_{17}H_{24}NO_4$	1090
base B_4	$C_{19}H_{27}NO_7$	1090
base B_5	$C_{21}H_{31}NO_8$	1090

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
base C (ex *Bocconia arborea*)	$C_{31}H_{33}NO_5$	2509
base C (ex *Delphinium ajacis*)	$C_{24}H_{35}NO_7$	2750
base C (ex *Skimmia japonica*)	$C_{18}H_{22}NO_3$	3153
base D (ex *Delphinium ajacis*)	$C_{48}H_{66}N_2O_{11}$	2750
base D (ex *Corydalis ambigua*)	$C_{19}H_{16}NO_4$	2514
base D (ex *Narcissus hybrids*)	$C_{17}H_{19-21}NO_3$	151
base E		2514
base F	$C_{20}H_{23}NO_4$	2514
base H		2514
base I		2514
base J	$C_{30}H_{36}N_2O_5$	2514
base K	$C_{21}H_{23}NO_4$	2514
base L	$C_{10}H_{21}NO_4$	2514
base M (ex *Corydalis ambigua*)	$C_{21}H_{21}NO_5$	2514
base N	$C_{13}H_{19}NO_3$	168
base P	$C_{17}H_{25}NO_6$	1914
base P_2	$C_{11}H_{18}N_2O$	1624
base P_{61}	$C_{21}H_{19}NO_5$	2509
base Q		1914
base R	$C_{23}H_{35}NO_4$	1914
base S		1914
base X	$C_{11}H_{25}NO_3$	1914, 1979
base Z	$C_{12}H_{21}NO_2$	3305
base V	$C_{16}H_{24-26}N_2O_7$	808
base VIII	$C_{31}H_{26}N_2O_5$	2355
base IX	$C_{17}H_{21}NO_3$	148, 149
bebeerine (buxine, chondodendrine, curine, pelosine).	$C_{36}H_{38}N_2O_6$	648, 1504, 1510, 2305, 2307, 2308, 2312, 2344.
beilupeimine	$C_{27}H_{43}NO_3$	2087
belladine	$C_{19}H_{25}NO_3$	72
belladonnine	$C_{34}H_{42}N_2O_4$	3271
bellamarine (acetylcaranine)	$C_{18}H_{19}NO_4$	72
bellaradine (cuscohygrine)	$C_{13}H_{24}N_2O$	3271
benzaconine	$C_{32}H_{45}NO_{10}$	2712
benzoylecgonine	$C_{16}H_{19}NO_4$	1183, 1191
benzoyltropine	$C_{15}H_{19}NO_2$	1183, 1191
N-benzoyltyramine	$C_{15}H_{15}NO_2$	3033
berbamine	$C_{37}H_{40}N_2O_6$	533, 535, 541, 542, 545, 548, 550, 556, 557, 559, 574, 576, 577, 585, 2351, 2357, 2369
berbamunine	$C_{36}H_{40}N_2O_6$	533
berberine (umbellatine)	$C_{20}H_{19}NO_5$	210, 232, 233, 532, 534, 535, 536, 537, 539, 541, 542, 544, 545, 546, 548, 550, 551, 554, 555, 556, 557, 559, 567, 571, 573, 574, 575, 576, 577, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 1504, 2300, 2301, 2302, 2322, 2323, 2363, 2365, 2505, 2507, 2513, 2519, 2532, 2555, 2564, 2574, 2737, 2745, 2746, 2747, 2748, 2749, 2781, 2782, 2800, 2801, 2807, 3053, 3054, 3056, 3134, 3135, 3136, 3136A, 3137, 3138, 3157, 3158, 3159, 3160, 3163, 3165, 3170, 3172

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
berberrubine	$C_{19}H_{15}NO_4$	559
berlambine (oxyberberine)	$C_{20}H_{17}NO_5$	556
betonicine	$C_7H_{13}NO_3$	1437, 1442
bicucine	$C_{20}H_{19}NO_7$	2504, 2515, 2536, 2547,
bicuculline	$C_{20}H_{17}NO_6$	2504, 2515, 2517, 2518, 2522, 2529, 2531, 2534, 2535, 2536, 2537, 2546, 2547, 2550
biflorine	$C_{17}H_{17}NO_4$	2940
biflorone	$C_{17}H_{17}NO_4$	2940
bikhaconitine	$C_{36}H_{51}NO_{11}$	2725
boerhaavine		2431
boldine	$C_{19}H_{21}NO_4$	1505, 2370, 2383
boletine		2672
bractamine	$C_{11}H_{13}NO_2$	2578
bracteine	$C_{19}H_{21}NO_4$	2578
brevicolline	$C_{17}H_{19}N_3$	1138
brucamarine		3253
brucine	$C_{23}H_{26}N_2O_4$	2161, 2167, 2169, 2177, 2182, 2183, 2184, 2187, 2188, 2193, 2197, 2199, 2200, 2205
brunfelsine		3276
brunsvigine	$C_{16}H_{17}NO_4$	80A
brunsvinine	$C_{17}H_{19}NO_4$	80A
bryonicine	$C_{10}H_{17}NO_2$	1124, 1125, 1126
budrugaine		3162
budrugainine		3162
bufotenine	$C_{12}H_{16}N_2O$	23, 24, 25, 1942, 1944
bufotenine oxide	$C_{12}H_{16}N_2O_2$	1942, 1944
bulbocapnine	$C_{19}H_{19}NO_4$	2516, 2518, 2523, 2538, 2541, 2545, 2547
buphanamine	$C_{17}H_{19}NO_4$	79, 168
buphanidrine	$C_{18}H_{21}NO_4$	79
buphanine		78
buphanisine	$C_{17}H_{19}NO_3$	79
burasaine	$C_{21}H_{24}N_2O_2$	2303
burmannaline	$C_{21}H_{23}NO_4$	2325
burmannine	$C_{19}H_{21}NO_3$	2325
butropine	$C_{12}H_{21}NO_2$	3304
buxine (bebeerine)	$C_{36}H_{38}N_2O_6$	648
cactine		702
caffeine	$C_8H_{10}N_4O_2$	199, 450, 451, 452, 453, 664, 678, 680, 698, 712, 802, 803, 843, 844, 1144, 1294, 1392, 1393, 2116, 2435, 2608, 2877, 2878, 2879, 2880, 2882, 2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2906, 2941, 3208, 3209, 3210, 3211, 3212, 3526, 3527, 3528, 3529, 3530, 3532, 3533, 3539, 3540, 3545, 3546, 3548, 3550, 3551, 3552, 3553, 3554, 3555, 3556, 3557, 3573, 3574, 3575, 3587, 3588
calebassine	$C_{20}H_{24}N_2O$	2172, 2201, 2203, 2208
C-calebassine (C-toxiferine II)	$C_{40}H_{50}N_4O_2$	2191, 2209, 2212, 3667
calebassinine	$C_{19}H_{22}N_2O_2$	2203, 2208

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
C-calebassinine	$C_{19}H_{22}N_2O_2$	2212, 3667
calycanthidine	$C_{15}H_{18}N_2$	713, 714
calycanthine	$C_{22}H_{26}N_4$	713, 714, 715, 716
calycotamine	$C_{11}H_{13}NO_3$	1641
calycotomine	$C_{12}H_{17}NO_3$	1641, 1706, 1710.
calystigine (gindarinine, palmatine).	$C_{21}H_{23}NO_5$	3668
campestrine	$C_{13}H_{19}NO_3$	977
canadine (α-canadine, tetrahydroberberine).	$C_{20}H_{21}NO_4$	2518, 2519, 2532, 2539, 2541, 2782, 3161, 3178
candicine		704, 706, 707, 2245
canescine (deserpidine, recanescine, 11-desmethoxyreserpine).	$C_{32}H_{38}N_2O_8$	366
canthin-6-one		3129
capauridine (capaurine)	$C_{21}H_{25}NO_5$	2515, 2527, 2528, 2533
capaurimine	$C_{20}H_{23}NO_5$	2528, 2533
capaurine (capauridine)	$C_{21}H_{25}NO_5$	2515, 2527, 2528, 2533
capnoidine	$C_{19}H_{15}NO_6$	2522, 2535, 2536
capsaicine	$C_{18}H_{27}NO_3$	3278
caracurine I		2208, 3667
carucurine II		2208, 3667
caracurine III		2204, 2208, 3667
caracurine IV	$C_{21}H_{24}N_2O_2$	2208, 3667
caracurine V	$C_{20}H_{20}N_2O$	2208, 3667
caracurine VI		2208, 3667
caracurine VII	$C_{20}H_{22}N_2O_2$	2208, 3667
caracurine VIII		2208, 3667
caracurine IX		2208, 3667
caranine	$C_{18}H_{17}NO_3$	72, 74A, 75, 81, 94, 162, 165, 166
cardinalis-alkaloid 2		722
carnegine	$C_{13}H_{19}NO_2$	660, 665
carpaine	$C_{14}H_{25}NO_2$	280, 776, 777, 778
ψ-carpaine	$C_{14}H_{25}NO_2$	778
carthamoidine	$C_{18}H_{23}NO_5$	979
casealutine		2517
caseanine (gindarine, tetrahydropalmatine).	$C_{21}H_{25}NO_4$	2517
casimiroedine	$C_{21}H_{27}N_3O_6$	3033
casimiroin	$C_{12}H_{11}NO_4$	3033
casimiroitine	$C_{23}H_{29}N_3O_7$	3033
cassaidine	$C_{24}H_{41}NO_4$	1801
cassaine	$C_{24}H_{39}NO_4$	1801
cassamine	$C_{25}H_{39}NO_5$	1801
catharanthine	$C_{21}H_{24}N_2O_2$	438
cathidine		788
cathine	$C_9H_{13}NO$	788
cathinine		788
caulophylline	$C_{12}H_{16}N_2O$	562
ceanothine	$C_{29}H_{36}N_4O_4$	2809
cecropine		2391
celastrine	$C_{19}H_{23}NO_3$	791
celliamine	$C_{21}H_{35}NO_2$	2779, 2780
celtine		3592
cephaeline	$C_{28}H_{38}N_2O_4$	2834, 2840, 2841, 2842, 2901, 2912, 2963, 2965, 2979, 2994.
cepharanthine	$C_{37}H_{38}N_2O_6$	2351, 2357
cernuine	$C_{16}H_{26}N_2O$	2224
cevacine	$C_{29}H_{45}NO_9$	2114

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
cevadilline	$C_{34}H_{53}NO_8$	2114
cevadine	$C_{32}H_{49}NO_9$	2114, 2135
cevine	$C_{27}H_{43}NO_8$	2114
chaerophylline		3597, 3598, 3599
chairamidine	$C_{22}H_{28}N_2O_4$	2857, 2982
chairamine	$C_{22}H_{26}N_2O_4$	2857, 2982
chakranine	$C_{21}H_{24}NO_4Cl$	495
chaksine	$C_{11}H_{21}N_3O_4$	1643
chalchupine A	$C_{14}H_{21}N_3O_{12}$	374
chalchupine B	$C_{15}H_{24}N_6O_{11}$	374
chandrine	$C_{25}H_{30}N_2O_8$	401
channaine	$C_{16}H_{21}NO_3$	51
chanoclavine	$C_{16}H_{20}N_2O$	1389
chatinine		3619
chavicine	$C_{17}H_{19}NO_3$	2643
cheilanthifoline	$C_{19}H_{19}NO_4$	2519, 2535, 2537
cheirinine	$C_{18}H_{35}N_3O_{17}$	1111
cheiroline	$C_8H_9NO_2S_2$	1111, 1112, 1113, 1115
chelerythrine (toddaline)	$C_{21}H_{17}NO_4$	2507, 2509, 2510, 2511, 2512, 2513, 2553, 2555, 2556, 2564, 2565, 2566, 2567, 2574, 2593, 2595, 2596, 3161, 3178
chelidamine	$C_{19}H_{19}NO_4$	2513
chelidonine	$C_{20}H_{19}NO_5$	2513, 2555, 2564, 2595
chelilutine		2513, 2553, 2556, 2574
chelirubine		2513, 2553, 2555, 2556, 2564, 2566, 2574.
chenopodine	$C_8H_{13}NO$	818, 824
chinpeimine	$C_{27}H_{43}NO_2$	2087
chlidanthine	$C_{17}H_{21}NO_3$	84, 125
chlorostigmine		502
chloroxylonine	$C_{22}H_{23}NO_7$	3034
chondocurine	$C_{36}H_{38}N_2O_6$	2309
chondodendrine (bebeerine)	$C_{36}H_{38}N_2O_6$	1373, 2308
chondofoline	$C_{35}H_{36}N_2O_6$	2308
chondodine	$C_{18}H_{21}NO_4$	2309
chonemorphine	$C_{11}H_{23}NO_3$	282
chopeine		2397
chrycentrine	$C_{18}H_{15}NO_5$	2546
cimicidine	$C_{23}H_{28}N_2O_5$	301
cinchamidine	$C_{19}H_{24}N_2O$	2857
cinchonamine	$C_{19}H_{24}N_2O$	2857, 2982
cinchonicine	$C_{19}H_{22}N_2O$	2857
cinchonidine	$C_{19}H_{22}N_2O$	2198, 2844, 2845, 2846, 2853, 2854, 2856, 2857, 2858, 2860, 2861, 2864, 2867, 2868, 2869, 2871, 2873, 2874, 2980, 2981
cinchonine	$C_{19}H_{22}N_2O$	2844, 2845, 2846, 2847, 2848, 2853, 2854, 2855, 2856, 2857, 2858, 2860, 2861, 2862, 2863, 2864, 2867, 2868, 2869, 2871, 2872, 2873, 2874, 2980, 2981, 2982
cinchotine	$C_{19}H_{24}N_2O$	2857, 2873, 2982
cinnamylcocaine	$C_{19}H_{23}NO_4$	1183, 1186, 1191
cissampeline		2312

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table I
clavatine	$C_{16}H_{25}NO_2$	2225
clavatoxine	$C_{17}H_{27}NO_2$	2225
clematine		2741
clivianine		87
clivonine	$C_{17}H_{19}NO_5$	86
cocaine	$C_{17}H_{21}NO_4$	1183, 1185, 1191
coccinine	$C_{17}H_{19}NO_4$	119, 120, 121
cocculidine	$C_{18}H_{23}NO_2$	2316
cocculine	$C_{17}H_{21}NO_2$	2298, 2316
coclamine	$C_{19}H_{23}NO_3$	2316
coclanoline	$C_{19}H_{23}NO_4$	2316
coclaurine	$C_{17}H_{19}NO_3$	2316
coclifoline	$C_{19}H_{27}NO_3$	2316
cocoberine		3063
codamine	$C_{20}H_{25}NO_4$	2589
codeine	$C_{18}H_{21}NO_3$	2397, 2507, 2556, 2585, 2589
colchamine	$C_{21}H_{25}NO_5$	2069
colchiceine	$C_{21}H_{23}NO_6$	2053
colchicerine		2069
colchicine	$C_{22}H_{25}NO_6$	1394, 2043, 2044, 2046, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2087, 2088, 2089, 2090, 2091, 2093, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2108, 2120, 2122, 2126
α- and β-colubrine	$C_{23}H_{24}N_2O_3$	2193
columbamine	$C_{20}H_{21}NO_5$	541, 545, 550, 556, 559, 2301, 2303, 2334, 2746
combretine		845
complanatine	$C_{18}H_{31}NO$	2226, 2228
compound B (N-formyldesacetylcolchicine)	$C_{21}H_{23}NO_6$	2053
compound C	$C_{21}H_{23}NO_6$	2053, 2069
compound D	$C_{21}H_{23}NO_5$	2053
compound F	$C_{21}H_{23}NO_5$	2053, 2069
compound G	$C_{22}H_{25}NO_6$	2053
compound I	$C_{22}H_{25}NO_6$	2053
compound J	$C_{22}H_{25}NO_6$	2053
compound S	$C_{22}H_{25}NO_6$	2053, 2069
compound U	$C_{19}H_{21}NO_5$	2053
compound IV		1917, 1918, 1920, 1921, 1922, 1923, 1925
compound V		1918, 1920, 1921, 1922, 1923, 1925
compound VI		1918, 1922, 1923
compound VII		1920
conamine	$C_{22}H_{36}N_2$	303
conarrhimine	$C_{21}H_{34}N_2$	303
conchairamidine	$C_{22}H_{26}N_2O_4$	2857, 2982
conchairamine	$C_{22}H_{26}N_2O_4$	2857, 2982
concusconine	$C_{23}H_{26}N_2O_4$	2857, 2982

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table I
condelphine	$C_{25}H_{39}NO_6$	2728, 2756
condensamine	$C_{24}H_{28}N_2O_5$	2181
condoline	$C_{18}H_{25}NO_5$	978, 1042
conessidine	$C_{21}H_{32}N_2$	303
conessimine	$C_{23}H_{36}N_2$	302, 303
conessine	$C_{24}H_{40}N_2$	302, 303, 304, 305, 306, 307, 446, 449
confusine	$C_{25}H_{39}NO_6$	2756
conhydrine	$C_8H_{17}NO$	3600
ψ-conhydrine	$C_8H_{17}NO$	3600
coniceine	$C_8H_{15}N$	3600
coniine	$C_8H_{17}N$	456, 458, 459, 460, 461, 519, 2397, 2681, 3594, 3600, 3616
conimine	$C_{22}H_{36}N_2$	303
conkurchine	$C_{71}H_{82}N_2$	303
conkurchinine	$C_{25}H_{36}N_2$	303
connigelline	----------	2794
conolline	$C_{13}H_{20}N_2O$	1604
conquinamine	$C_{19}H_{24}N_2O_2$	2844, 2857, 2868, 2873, 2981
consolicine	----------	609, 611, 614, 637
consolidine	----------	637, 2757
convicine	$C_{10}H_{16}N_2O_8$	2037, 2038
convolvamine	$C_{17}H_{23}NO_4$	1075, 1076
convolvicine	$C_{10}H_{16}N_2$	1075, 1076
convolvidine	$C_{32}H_{42}N_2O_8$	1075, 1076
convolvine	$C_{16}H_{21}NO_4$	1075, 1076
coptine	----------	2745, 2747, 2748, 2749
coptisine	$C_{19}H_{15}NO_5$	2507, 2513, 2514, 2518, 2553, 2555, 2564, 2574, 2587, 2746, 2748
cordrastine	$C_{22}H_{25}NO_5$	2515
coreximine	$C_{19}H_{21}NO_4$	2518, 2548, 2746
corlumidine	$C_{20}H_{19}NO_5$	2529, 2535, 2537, 2547
corlumine	$C_{21}H_{21}NO_5$	2529, 2535, 2537, 2547
coronarine	$C_{44}H_{56}N_4O_6$	417
corpaverine	$C_{20}H_{25}NO_4$	2515
coruscine	$C_{18}H_{23}NO_5$	161
corybulbine	$C_{21}H_{25}NO_4$	2514, 2518, 2534, 2541, 2545, 2547
corycavamine	$C_{21}H_{21}NO_5$	2518, 2541
corycavidine	$C_{22}H_{25}NO_5$	2518, 2541
corycavine	$C_{21}H_{21}NO_5$	2518, 2541, 2545, 2547
corydaline	$C_{22}H_{27}NO_4$	2514, 2515, 2518, 2524, 2528, 2529, 2534, 2538, 2541, 2545, 2547
corydine	$C_{20}H_{23}NO_4$	2518, 2526, 2534, 2539, 2541, 2545, 2547, 2548, 2549, 2551, 2564, 2565
corynantheidine	$C_{22}H_{28}N_2O_3$	2959
corynantheine	$C_{22}H_{28}N_2O_3$	2894, 2959, 2961
corynanthidine (rauwolscine, α-yohimbine).	$C_{21}H_{26}N_2O_3$	2959
corynanthine (rauhimbine)	$C_{21}H_{26}N_2O_3$	366, 2892, 2894, 2959
coryneine	$C_{11}H_{19}NO_3$	703
corynoxeine	$C_{22}H_{26}N_2O_4$	2959
corynoxine	$C_{22}H_{26}N_2O_4$	2959
corypalline	$C_{11}H_{15}NO_2$	2515, 2533

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
corypalmine	$C_{20}H_{21}NO_4$	2514, 2517, 2518, 2519, 2525, 2531, 2532, 2540, 2541, 2551
corytuberine	$C_{19}H_{21}NO_4$	2518, 2529, 2541, 2545, 2547, 2549
costaclavine	$C_{16}H_{14}N_2$	1389
coumingaine		1799
coumingidine	$C_{28}H_{44}NO_5$ ($C_{27}H_{43}NO_5$).	1799
coumingine	$C_{39}H_{67}NO_6$	1799
crebanine	$C_{20}H_{21}NO_4$	2350, 2357
crinamidine	$C_{17}H_{19}NO_3$	100, 160, 161, 163
crinamine	$C_{17}H_{19}NO_4$	75, 92, 94, 98, 102, 106
crinidine	$C_{16}H_{17}NO_3$	79, 83, 92, 94, 100, 102, 160, 166, 168
crinine	$C_{17}H_{19}NO_3$	100, 102, 106
crispine	$C_{18}H_{23}NO_4$	168
criwelline	$C_{18}H_{21}NO_5$	102
crossopterine		2896
cryptaustoline	$C_{20}H_{23}NO_4$	1464
crytocarpine		1463
cryptocavine (cryptopine)	$C_{21}H_{23}NO_5$	2530, 2532, 2546, 2560
cryptolepine	$C_{17}H_{16}N_2O$	503, 504
cryptopalmatine		2347
crytopine (cryptocavine)	$C_{21}H_{23}NO_5$	2529, 2535, 2536, 2537, 2546, 2547, 2550, 2574, 2589
cryptopleurine	$C_{24}H_{27}NO_3$	1474
cryptowoline	$C_{19}H_{19}NO_4$	1464
cuauchichicine	$C_{22}H_{33}NO_2$	1096
cularidine	$C_{19}H_{21}NO_4$	2547
cularimine	$C_{19}H_{21}NO_4$	2548
cularine	$C_{20}H_{23}NO_4$	2520, 2547, 2548, 2549, 2551
cupreine	$C_{19}H_{22}N_2O_2$	2198, 2857, 2981
curalethaline	$C_{25}H_{31}NO_7$	2186
curare alkaloids		2168, 2170, 2176, 2202
curarine	$C_{16}H_{26}N_2O$	2172, 2174, 2177, 2201, 2203, 2204, 2206
C-curarine	$C_{20}H_{24}N_2$	2209
C-curarine I	$C_{21}H_{30}N_2$	2191, 2212, 3667
C-curarine II	$C_{20}H_{22}N_2$	2212, 3667
C-curarine III	$C_{20}H_{20}N_2$	2212, 3667
curine (bebeerine)	$C_{38}H_{38}N_2O_6$	2309
cuscamidine		2866
cuscamine		2866, 2868
cuscohygrine (bellaradine)	$C_{13}H_{24}N_2O$	1071, 1073, 1183, 1191, 3271, 3292, 3294, 3297, 3300, 3309, 3329, 3404, 3405, 3415, 3416
cusconidine	$C_{22}H_{26}N_2O_4$	2866, 2868
cusconine	$C_{23}H_{26}N_2O_4$	2857, 2866, 2868
cuspareine	$C_{18}H_{19}NO_2$	3085
cusparidine	$C_{19}H_{17}NO_3$	3042, 3085
cusparine	$C_{19}H_{17}NO_3$	1232, 1805, 3042, 3083, 3084, 3085
cyclanoline	$C_{20}H_{23}NO_4$	2326
cycleanine (methylisochondodendrine).	$C_{38}H_{42}N_2O_6$	2326, 2350, 2351
cygnine	$C_{19}H_{22}N_2O_3$	1805, 1806
cynoctonine	$C_{35}H_{55}N_2O_{13}$	2722

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
cynoglossine		609, 610, 611, 614, 620, 622, 623, 627, 637, 640
cynoglossophine	$C_{20}H_{15}NO_3$	611
cytisine	$C_{11}H_{14}N_2O$	1043, 1608, 1623, 1624, 1625, 1626, 1628, 1629, 1630, 1631, 1632, 1657, 1663, 1688, 1691, 1693, 1694, 1697, 1699, 1702, 1703, 1704, 1705, 1708, 1712, 1713, 1715, 1802, 1808, 1811, 1812, 1813, 1815, 1817, 1818, 1821, 1822, 1824, 1825, 1827, 1828, 1830, 1831, 1850, 1851, 1852, 1860, 1947, 1979, 1981, 1990, 1991, 1993, 1995A, 1996, 1999, 2001, 2002, 2003, 2005, 2007, 2015, 2023, 2024, 2025, 2033, 2034
damascenine	$C_{10}H_{13}NO_3$	2786, 2787, 2789
daphnandrine	$C_{36}H_{38}N_2O_6$	2373, 2374
daphnarcine	$C_{18}H_{17}NO_4$	151
daphnimacrine	$C_{27}H_{41}NO_4$	1215
daphniphylline		1214
daphnoline	$C_{34}H_{36}N_2O_6$	2371, 2373, 2374
daucine	$C_{11}H_{18}N_2$	3601
dauricine	$C_{38}H_{44}N_2O_6$	2338, 2339
deacetyldiaboline		2204
deacetylgermitetrine		2125
deacetylneoprotoveratrine	$C_{39}H_{61}NO_{14}$	2125, 2135
deacetylprotoveratrine		2125
decorticasine	$C_7H_{12}N_2O$	1586, 1589, 1591, 1592
dehydrocevagenine		2114
dehydrocorydaline	$C_{22}H_{23}NO_4$	541, 2514, 2515, 2518, 2523, 2528, 2541
dehydrothalictrifoline	$C_{21}H_{21}NO_4$	2540
delartine	$C_{34}H_{53}N_2O_{11}$ (?)	2777
delatine	$C_{19}H_{25}NO_3$	2760
delbine	$C_{38}H_{55}N_3O_{10}$	2754
delcosine	$C_{24}H_{39}NO_7$	2757
delphamine	$C_{25}H_{41}NO_7$	2777
delphatine	$C_{27}H_{43}NO_7$	2754
delphelatine (eldeline)	$C_{27}H_{41}NO_8$	2760
delpheline	$C_{26}H_{39}NO_6$	2760
delphinine	$C_{34}H_{47}NO_9$	2775
delphinoidine	$C_{25}H_{42}NO_4$	2775
delphisine		2775
delsemidine	$C_{37}H_{50}N_2O_{10}$	2772
delsemine	$C_{37}H_{53}N_3O_{10}$	2770, 2772, 2774
delsine	$C_{23}H_{41}NO_7$	2770, 2774
delsoline	$C_{25}H_{43}NO_7$	2757
delsonine	$C_{24}H_{41}NO_6$	2757
deltaline	$C_{21}H_{33}NO_6$	2769
demecolcine	$C_{21}H_{25}NO_5$	2052, 2053, 2069
demethylcolchicine		2088, 2089, 2090
demethylhomolycorine	$C_{17}H_{19}NO_4$	148
O-demethyl-N-methyldeacetylcolchicine.	$C_{20}H_{23}NO_5$	2073
de-N-methyltenuipine	$C_{37}H_{35}N_2O_7$	2375

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
demissidine	$C_{27}H_{45}NO$	3443, 3444, 3458, 3460, 3491, 3494, 3500
dendrobine	$C_{16}H_{25}NO_2$	2485, 2487, 2488, 2489
desacetylneoprotoveratrine	$C_{39}H_{61}NO_{14}$	2125
desacetylprotoveratrine	$C_{37}H_{43}NO_9$	2125
deserpidine (canescine)	$C_{32}H_{38}N_2O_8$	360A, 366, 374, 377A, 378, 390, 393, 394, 402, 404, 405, 427
11-desmethoxyreserpine (canescine).	$C_{32}H_{38}N_2O_8$	366
desmethylcolchicine	$C_{21}H_{23}NO_6$	1394
desoxynupharidine	$C_{15}H_{23}NO$	2442
diaboline	$C_{21}H_{26}N_2O_3$	2171
dicentrine	$C_{20}H_{21}NO_4$	2350, 2548, 2549, 2551, 2552
dichotamine	$C_{21-22}H_{24-26}N_2O_4$	429
dichroidine	$C_{18}H_{25}N_3O_3$	3238
α-, β- and γ-dichroine	$C_{16}H_{21}N_3O_3$	3238
dicinchonine	$C_{38}H_{44}N_4O_2$	2857, 2870, 2873, 2981
diconquinine	$C_{40}H_{46}N_4O_3$	2844, 2857
dicrotaline	$C_{14}H_{19}NO_5$	1669, 1670
dictamnine	$C_{12}H_9NO_2$	3014, 3016, 3033, 3043, 3055, 3075, 3077, 3105, 3126, 3130, 3153, 3155, 3157A
8,10-diethyllobelidiol	$C_{14}H_{29}NO_2$	727
dihydroagroclavine	$C_{16}H_{20}N_2O$	1389
dihydrochelerythrine	$C_{21}H_{19}NO_4$	2507
dihydrocorynantheine	$C_{22}H_{30}N_2O_3$	2959
dihydroerysodine	$C_{20}H_{21}NO_3$	2316
dihydrosanguinarine	$C_{20}H_{15}NO_4$	2507
C-dihydrotoxiferine	$C_{20}H_{23}N_2$	3667
C-dihydrotoxiferine I	$C_{20}H_{22}N_2$	3667
dihydroxytropane	$C_8H_{15}NO_2$	1183, 1191
dilupine	$C_{15}H_{26}N_2O_2$	1867
3,4-dimethoxy-1-(dimethylaminoethyl)phenanthrene.	$C_{20}H_{23}NO_2$	1462, 1477
1,3-dimethoxy-10-methyl-9-acridone.	$C_{16}H_{15}NO_3$	3003
N^a, N^a-dimethylhistamine	$C_7H_{13}N_3$	3033
O-dimethylisochondodendrine (cycleanine).	$C_{38}H_{42}N_2O_6$	2326
2,6-dimethylpiperidine	$C_7H_{15}N$	834, 835
N,N-dimethyltryptamine	$C_{12}H_{16}N_2$	359, 1942, 1944
N,N-dimethyltryptamine oxide	$C_{12}H_{16}N_2O$	1942, 1944
dioscorine	$C_{13}H_{19}NO_2$	1149, 1150
diphylline (stylopine, tetrahydrocoptisine).	$C_{19}H_{17}NO_4$	2595
dipterine	$C_{11}H_{14}N_2$	813, 814, 830
discretamine	$C_{19}H_{21}NO_4$	230
discretine		230
discretinine		230
disinomenine	$C_{40}H_{52}N_2O_{10}$	2347
distichine	$C_{18-19}H_{21}NO_5$	78
ditamine	$C_{13}H_{19}NO_2$	242, 246
3,6-ditigloyloxytropane (tigloidine).	$C_{18}H_{27}NO_4$	3292, 3294, 3304, 3305
diversine (ex *Cocculus diversifolius*).	$C_{20}H_{27}NO_5$	2313
diversine (ex *Sinomenium acutum*).	$C_{20}H_{27}NO_5$	2347

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
domesticine (epidicentrine, nantenine).	$C_{19}H_{19}NO_4$	587
domestine	$C_{20}H_{21}NO_4$	587
donaxarine	$C_{13}H_{16}N_2O_2$	1335
donaxine (gramine)	$C_{11}H_{14}N_2$	1335
doryphorine	$C_{13}H_{21}NO_4$	2376
douglasiine		983
douradine		2949
drummine		1219, 2438
dubamine	$C_{14}H_{19}NO_2$	3097
dubinidine	$C_{13}H_{17}NO_4$	3097, 3098
dubinine	$C_{16}H_{17}NO_5$	3097
α- and β-earleine		1619
echiine		1264
echimidine	$C_{20}H_{31}NO_7$	613
echinatine	$C_{15}H_{25}NO_5$	632
echinops-fluorescine		915
echinopseine		915
echinopsine	$C_{10}H_9NO$	908, 909, 910, 911, 912, 913, 914, 915, 916, 917
β-echinopsine	$C_{10}H_9NO$	915
echitamidine	$C_{20}H_{26}N_2O_3$	237, 242
echitamine	$C_{22}H_{28}N_2O_4$	235, 236, 237, 239, 242, 245, 246, 247
echitenine	$C_{20}H_{27}NO_4$	242, 246
echiumine	$C_{20}H_{31}NO_6$	613
edulein	$C_{17}H_{15}NO_2$	3033
eduline	$C_{17}H_{15}NO_2$	3033
edulinine	$C_{19}H_{21}NO_4$	3033
edulitine	$C_{11}H_{11}NO_3$	3033
elatidine	$C_{26}H_{41}NO_7$	2760
elatine	$C_{38}H_{50}N_2O_{10}$	2760
eldeline (delphelatine)	$C_{27}H_{41}NO_8$	2760
eleagnine	$C_{12}H_{14}N_2$	1163, 1164, 1166, 1167
ellipticine	$C_{15}H_{14}N_2$	338
elliptine (isoreserpiline)	$C_{23}H_{28}N_2O_5$	338
elliptinine		338
elymoclavine	$C_{16}H_{16}N_2O$	1389
emetamine	$C_{29}H_{36}N_2O_4$	2841, 2842, 2965
emetine	$C_{29}H_{40}N_2O_4$	2833, 2834, 2840, 2841, 2842, 2901, 2912, 2922, 2923, 2964, 2965, 2966, 2979, 2983, 2991, 2994, 3651A
emetoidine		2965
ephedrine	$C_{10}H_{15}NO$	788, 1298, 1300, 1301, 1303, 1305, 1306, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1317, 1319, 1320, 1321, 1322, 1323, 2271, 2273, 2592, 2712, 3566
ψ-ephedrine	$C_{10}H_{15}NO$	788, 1298, 1299, 1300, 1303, 1306, 1307, 1309, 1310, 1311, 1312, 1313, 1314, 1316, 1317, 1320, 1322, 1323, 2271, 2592, 3566
epiberberine	$C_{20}H_{17}NO_4$	541
epidicentrine (domestine, nantenine).		587

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
epilupinine	$C_{10}H_{19}NO$	1891, 1898
epilupinine N-oxide		1898
epiquinidine	$C_{20}H_{24}N_2O_2$	2857
epiquinine	$C_{20}H_{24}N_2O_2$	2857
epistephanine	$C_{19}H_{23}NO_3$	2350, 2355
ψ-epistephanine	$C_{19}H_{21}NO_3$	2355
3-epi-α-yohimbine (iso-rauhimbine).	$C_{21}H_{26}N_2O_3$	401
equisetine	$C_{17}H_{29}N_3O_2$	1176
equisetonine	$C_{18}H_{31}N_3O_4$	1176
eremophiline		984
ergocornine	$C_{31}H_{39}N_5O_5$	1389
ergocorninine	$C_{31}H_{39}N_5O_5$	1389
ergocristine	$C_{35}H_{39}N_5O_5$	1389
ergocristinine	$C_{35}H_{39}N_5O_5$	1389
ergoheptine	$C_{32}H_{38}N_6O_4$	1387
ergohexine	$C_{31}H_{36}N_6O_4$	1387
ergokryptine	$C_{32}H_{41}N_5O_5$	1387, 1389
ergokryptinine	$C_{32}H_{41}N_5O_5$	1389
ergometrine (ergonovine)	$C_{19}H_{23}N_3O_2$	1389
ergometrinine	$C_{19}H_{23}N_3O_2$	1389
ergonovine (ergometrine)	$C_{19}H_{23}N_3O_2$	28
ergosine	$C_{30}H_{37}N_5O_5$	1387, 1389
ergosinine	$C_{30}H_{37}N_5O_5$	1389
ergotamine	$C_{33}H_{35}N_5O_5$	28, 1389
ergotaminine	$C_{33}H_{35}N_5O_5$	1389
ergothioneine	$C_9H_{15}N_3O_2S$	29, 1336, 1389
ergotinine	$C_{35}H_{39}N_5O_5$	1389
ψ-ergotinine		1389
ergotoxine	$C_{35}H_{41}N_5O_6$	1389
ericodimine		1178
eritrocurarine I		2172, 2177
eritrocurarine II		2177
erysodine	$C_{18}H_{21}NO_3$	1738, 1741, 1742, 1743, 1751, 1752, 1753, 1754, 1757, 1758, 1759, 1760, 1761, 1763, 1766, 1773, 1779, 1781, 1784, 1785, 1792, 1795
erysoline	$C_6H_{11}NO_2S_2$	1116
erysonine	$C_{17}H_{19}NO_3$	1738, 1751, 1752, 1763
erysopine	$C_{17}H_{19}NO_3$	1738, 1739, 1741, 1742, 1743, 1751, 1752, 1753, 1754, 1758, 1759, 1761, 1763, 1766, 1773, 1779, 1781, 1783, 1784, 1785, 1792
erysothiopine	$C_{19}H_{21}NO_3S$	1741, 1743, 1759, 1763, 1766, 1784
erysothiovine	$C_{20}H_{23}NO_3S$	1741, 1743, 1759, 1763, 1766, 1779, 1781, 1784
erysovine	$C_{18}H_{21}NO_3$	1738, 1739, 1741, 1742, 1743, 1751, 1752, 1753, 1754, 1757, 1758, 1759, 1760, 1761, 1763, 1766, 1773, 1779, 1781, 1783, 1784, 1792, 1795
erythraline	$C_{18}H_{19}NO_3$	1738, 1752, 1753, 1754, 1758, 1760, 1761, 1763, 1765, 1773, 1794, 1795

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
erythramine	$C_{18}H_{21}NO_3$	1752, 1753, 1754, 1758, 1763, 1784, 1792
erythratidine	$C_{19}H_{25}NO_4$	1758
erythratine	$C_{18}H_{21}NO_4$	1752, 1753, 1754, 1758, 1763
erythricine	$C_{10}H_9NO_2$	1279
erythrocurarine III		2204
α- and β-erythroidine	$C_{16}H_{19}NO_3$	1741, 1743, 1751, 1793
erythrophlamine	$C_{25}H_{39}NO_5$	1801
erythrophleine	$C_{24}H_{39}NO_5$	1801
escholerine	$C_{41}H_{61}NO_{13}$	2127
eschscholtzine		2556
esenbeckine		2900
eseramine	$C_{15}H_{25}N_4O_3$	1940
eseridine	$C_{15}H_{23}N_3O_3$	1940
8-ethylnorlobelol-I	$C_9H_{19}NO$	727
etiopine		469
eucurarine	$C_{20}H_{23}N_2O$	2211
eupatorine		927
europine N-oxide		620
evodiamine	$C_{19}H_{17}N_3O$	3058
evodine	$C_{18}H_{19}NO_5$	3060
evolatine	$C_{18}H_{21}NO_5$	3050
evolidine	$C_{15}H_{23}N_3O_4$	3060
evolitrine	$C_{13}H_{11}NO_3$	3055, 3130
evoxanthidine	$C_{15}H_{11}NO_4$	3060
evoxanthine	$C_{16}H_{13}NO_4$	3050, 3060, 3155A
evoxine	$C_{16}H_{21}NO_6$	3034A, 3060
evoxoidine	$C_{15}H_{15}NO_4$	3060
eximidine	$C_{20}H_{23}NO_4$	2548
eximine	$C_{20}H_{23}NO_4$	2548
F 15	$C_{19}H_{19}NO_5$	2537
F 16	$C_{18}H_{17}NO_5$	2537
F 21	$C_{20}H_{25}NO_4$	2548
F 22	$C_{37}H_{46}N_2O_{10}$	2545
F 24	$C_{19}H_{23}NO_4$	2515
F 25	$C_{19}H_{17}NO_6$	2546
F 28	$C_{17}H_{19}NO_3$	2515
F 29	$C_{19}H_{21}NO_4$	2548
F 30	$C_{19}H_{21}NO_4$	2548
F 33	$C_{19}H_{21}NO_4$	2517
F 35	$C_{20}H_{23}NO_4$	2517
F 37	$C_{21}H_{23}NO_5$	2560
F 38	$C_{20}H_{19}NO_5$	2560
F 40		2532
F 41		2527
F 42		2527
F 43	$C_{20}H_{23}NO_4$	2527
F 45	$C_{20}H_{19}NO_5$	2531
F 46	$C_{11}H_9NO_2$	2531
F 49	$C_{20}H_{23}NO_4$	2530
F 51	$C_{20}H_{23}NO_4$	2533
F 52		2520
F 53	$C_{21}H_{21}NO_5$	2529
F 54	$C_{19}H_{23}NO_3$	2529
F 55		2529
F 56	$C_{23}H_{27}NO_6$	2528
F 57	$C_{18}H_{21}NO_3$	2515
F 58	$C_{22}H_{21}NO_5$	2569
F 59	$C_{20}H_{23}NO_4$	2540
F 60	$C_{20}H_{21}NO_3$	2540

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
F 62	$C_{19}H_{17}NO_5$	2525
fagaramide	$C_{14}H_{17}NO_3$	3064, 3068, 3166
fagaramine	$C_{14}H_{17}NO_3$	3068, 3085
fagaridine	$C_{19}H_{24}NO_7$	3064, 3068
α-fagarine	$C_{19}H_{23}NO_4$	3063, 3068
γ-fagarine (haplophine)	$C_{15}H_{15}NO_3$	3014, 3033, 3063, 3105, 3130
δ-fagarine		3063
x-fagarine		3063
fagarine II	$C_{21}H_{23}NO_5$	3063
fagarine III	$C_{22}H_{26}NO_4$	3063
falcatine	$C_{17}H_{19}NO_4$	162, 165
fangchinoline	$C_{37}H_{40}N_2O_6$	2321
febrifugine	$C_{16}H_{19}N_3O_3$	3238, 3240
fedamazine	$C_{20}H_{20}N_2O$	2208, 3667
fiancine	$C_{17}H_{19}NO_4$	151, 156
flavopereirine	$C_{17}H_{14}N_2$	297, 299
flexinine	$C_{18}H_{17}NO_4$	163
flindersiamine	$C_{14}H_{11}NO_5$	3072, 3074, 3075, 3077
flindersine	$C_{23}H_{26}N_2O_7$	3070
floribundine	$C_{18}H_{19}NO_2$	2581
floripavidine	$C_{21}H_{29}NO_5$	2581
floripavine	$C_{19}H_{21}NO_4$	2579, 2581
flueggeine	$C_{10}H_{15}NO$	1230, 2107A
fluorescent alkaloid I		2204
fluorescent alkaloid II		2204
fluorocordatine		2204
C-fluorocurarine	$C_{20}H_{23}N_2O$	2172, 2191, 2203, 2204, 2206, 2209
C-fluorocurarinine		2209
fluorocurine	$C_{20}H_{22}N_2O_2$	2174, 2189, 2201, 2203, 2204, 2206, 2208, 2209
ψ-fluorocurine	$C_{20}H_{25}N_2O_2$	2212
C-fluorocurine	$C_{20}H_{25}N_2O_2$	2190, 2208, 2212, 3667
C-fluorocurinine	$C_{21}H_{29}N_2O_2$	2191, 2212, 3667
fluorosolimoesine I		2203
fluorosolimoesine II		2203
fluorosolimoesine III		2203
fluorosolimoesine IV		2203
folicanthine	$C_{18}H_{23}N_3$	713, 715
foliosidine	$C_{17}H_{23}NO_5$	3098
formosanine (uncarines A & B)	$C_{21}H_{24}N_2O_4$	2943
N-formyldesacetylcolchicine (compound B)	$C_{21}H_{23}NO_6$	1394, 2088, 2089, 2090
forsteronine		292, 293
fritillarine	$C_{19}H_{33}NO_2$	2086
fritilline	$C_{25}H_{41}NO_3$	2086
fritimine	$C_{38}H_{62}N_2O_3$	2082
fritiminine		2087
fuchsiseneciónine	$C_{12}H_{21}NO_3$	988, 1042
fumaramine	$C_{21}H_{22}N_2O_5$	2559, 2562
fumaridine	$C_{23}H_{26}N_2O_5$	2562, 2563
fumarinine	$C_{16}H_{15}NO_4$	2562
fumaritine	$C_{20}H_{21}NO_5$	2562
fumvailine	$C_{20}H_{19}NO_5$	2563
funtumidine	$C_{21}H_{37}NO$	295
funtumine	$C_{21}H_{35}NO$	295
galanthamidine	$C_{18}H_{23}NO_3$	117

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table I
galanthamine (lycoremine)	$C_{17}H_{25}NO_3$	88, 94, 105, 114, 115, 117, 132, 136, 137, 141, 143, 144, 145, 146, 147, 148, 151, 152, 153, 155, 155A, 156, 158, 170, 174, 180, 182, 183A, 187
galanthidine	$C_{14}H_{17}NO_3$	117
galanthine	$C_{16}H_{23}NO_4$	94, 98, 114, 117, 136, 150, 151, 152, 155, 155A, 156, 185, 186
galegine	$C_6H_{13}N_3$	1804
galipidine		3085
galipine	$C_{20}H_{21}NO_3$	3042, 3085
galipoidine	$C_{19}H_{15}NO_4$	3042, 3085
galipoline	$C_{19}H_{19}NO_3$	3085
gambirine	$C_{22}H_{26}N_2O_4$	2943, 2944
ganiarine		3635
garryfoline	$C_{22}H_{33}NO_2$	1096
garryine	$C_{22}H_{33}NO_2$	1095, 1097, 1098, 1100
geissoschizoline	$C_{19}H_{26}N_2O$	299
geissospermine	$C_{40}H_{50}N_4O_3$	297, 298, 299
gelsedine	$C_{19}H_{24}N_2O_3$	2153
gelsemicine	$C_{19}H_{24}N_2O_3$	2153
gelsemidine		2153
gelsemine	$C_{20}H_{22}N_2O_2$	590, 2152, 2153
gelseminine		2153
gelsevirine	$C_{21}H_{24-26}N_2O_3$	2153
geneserine	$C_{15}H_{21}N_3O_3$	1940
genisteine (1-α-isosparteine)	$C_{16}H_{28}N_2$	1702, 1713, 1828, 1985
gentianine	$C_{10}H_9NO_2$	1156, 1276, 1278, 1279, 1280, 1281, 1282, 1283, 1283A, 1284, 1285, 1286, 1287, 1289, 1290
geralbine	$C_{22}H_{33}NO_2$	2125
germanitrine	$C_{39}H_{59}NO_{11}$	2128
germbudine	$C_{37}H_{59}NO_{12}$	2135
germerine	$C_{37}H_{59}NO_{11}$	2125, 2132, 2135
germidine	$C_{34}H_{53}NO_{10}$	2135, 2143
germine	$C_{27}H_{43}NO_8$	2125, 2135, 2143
germinitrine	$C_{39}H_{57}NO_3$	2128
germitetrine	$C_{41}H_{63}NO_{14}$	2125
germitrine	$C_{39}H_{61}NO_{12}$	2135
gindaricine	$C_{18}H_{19}NO_3$	2353
gindarine (caseanine)	$C_{21}H_{25}NO_4$	2353
gindarinine (calystigine)	$C_{21}H_{21}NO_4$	2353
girgensonine	$C_{13}H_{16}N_2O$	830, 831
glaucentrine	$C_{20}H_{23}NO_4$	2539, 2548, 2549, 2551, 2566, 2567, 2568
glaucidine		2584
glaucine	$C_{21}H_{25}NO_4$	2539, 2541, 2548, 2549, 2551, 2564, 2565, 2566, 2567, 2568
gloriosine	$C_{27}H_{25}NO_6$	2090
glycosine (arborine)	$C_{16}H_{12}N_2O$	3091
glycosmimine		3091
glycosmine		3090
gnoscopine	$C_{22}H_{23}NO_7$	2589
gramine (donaxine)	$C_{11}H_{14}N_2$	1335, 1343
graminifoline	$C_{18}H_{23}NO_5$	991
grandiflorine		3455
grantianine	$C_{18}H_{23}NO_7$	1671

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
gratambuine		260A.
guachamacine		325A
guaiacurarine I		2177
guaiacurarine II		2177
guaiacurarine III		2177, 2204
guaiacurarine IV		2204
guaiacurarine VIII		2177
guaiacurarine IX		2177
guaiacurarine X		2204
guaiacurine		2177, 2204
C-guaianine	$C_{21}H_{24}N_2O$	2177, 2212
guatambuine (U-alkaloid C)	$C_{16}H_{20}N_2$	260A
guvacine	$C_6H_9NO_2$	2498
guvacoline	$C_7H_{11}NO_2$	2498
haemanthamine (natalensine)	$C_{17}H_{19}NO_4$	78, 83, 92, 94, 98, 108, 115, 123, 132, 133, 136, 137, 141, 142, 151, 152, 153, 155, 155A, 156, 158, 166, 173, 181, 182, 183A, 184, 185, 186
haemanthidine	$C_{17}H_{19}NO_3$	123, 125, 126, 128, 147, 150, 173, 182
haemanthine	$C_{18}H_{21}NO_5$	80
haemultine	$C_{19}H_{17}NO_3$	74A, 125
halostachine	$C_9H_{13}NO$	832
hamadine		1071
hanadamine	$C_{21}H_{24}N_2O_4$	2946, 2995
Hanamiyama base		2720
haploperine	$C_{17}H_{19}NO_5$	3100
haplophine (γ-fagarine)	$C_{13}H_{11}NO_3$	3099, 3100
haplophylline	$C_{16}H_{23}NO_4$	3101
haplophytine	$C_{27}H_{31}N_3O_5$	301
harmaline	$C_{13}H_{14}N_2O$	2254, 3128, 3661
harmalol	$C_{12}H_{12}N_2O$	3128, 3661
harmine	$C_{13}H_{12}N_2O$	2254, 2256, 2257, 2258, 2259, 3128, 3661
haslerine		268
hastacine	$C_{18}H_{27}NO_5$	883
hasubanonine	$C_{21}H_{29}NO_5$	2355
hedyotine	$C_{16}H_{22}N_2O_3$	2909
hemultine	$C_{19}H_{17}NO_3$	125
heleurine N-oxide		620
heliosupine		624
heliotridine	$C_{16}H_{27}NO_5$	620
heliotridine N-oxide	$C_{16}H_{27}NO_7$	620
heliotrine	$C_{16}H_{27}NO_5$	620, 622
heliotrine N-oxide	$C_{16}H_{27}NO_6$	620
hercynine	$C_9H_{15}N_3O_2$	19, 24, 2671
herpestine	$C_{34}H_{46}N_2O_8$	3122, 3244
heteratisine	$C_{22}H_{33}NO_5$	2609
heterophyllin (aricine)	$C_{22}H_{28}N_2O_4$	374
hetisine	$C_{20}H_{27}NO_3$	2699
hexalupine (thermopsine)	$C_{15}H_{20}N_2O$	1870
himaline	$C_{17}H_{23}NO_3$	3412, 3415
himandravine	$C_{21}H_{33}NO_2$	1381
himandreline	$C_{32}H_{41}NO_7$	1381
himandridine	$C_{30}H_{37}NO_7$	1380
himandrine	$C_{30}H_{37}NO_6$	1380, 1381
himanthine	$C_{37}H_{40}N_2O_6$	546
himbacine	$C_{22}H_{33}NO_3$	1380, 1381
himbadine	$C_{21}H_{31}NO_2$	1380

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
himbeline	$C_{22}H_{35}NO_2$	1381
himbosine	$C_{43}H_{45}NO_{13}$(?)	1380
himgravine	$C_{22}H_{33}NO_2$	1380
himgrine	$C_{22}H_{33}NO_3$	1381
hippeastrine	$C_{17}H_{17}NO_5$	94, 125, 132, 133, 136, 141, 142, 151, 153, 156, 171, 174
hippophcine		1168
hodorine	$C_{19}H_{31}NO_3$	3521
holafrine	$C_{29}H_{46}N_2O_2$	302
holarrhenine	$C_{24}H_{38}N_2O$	302, 303, 304, 306
holarrhessimine	$C_{27}H_{38}N_2O$	303
holarrhetine	$C_{30}H_{48}N_2O_2$	302
holarrhidine	$C_{21}H_{36}N_2O$	303
holarrhimine	$C_{21}H_{36}N_2O$	302, 303
holarrhine	$C_{20}H_{38}N_2O_2$	303
holstiine	$C_{23}H_{28}N_2O_4$	2181
holstiline	$C_{23}H_{30}N_2O_4$	2181
α-homochelidonine	$C_{21}H_{23}NO_5$	2513
β-homochelidonine (α-allocryptopine).	$C_{21}H_{23}NO_5$	2510, 3063, 3161, 3178
γ-homochelidonine (β-allocryptopine).	$C_{21}H_{23}NO_5$	3161
homolycorine (narcipoetine)	$C_{19}H_{23}NO_4$	85, 132, 133, 137, 141, 144, 145, 148, 150, 151, 153, 155, 155A, 156, 158
ψ-homolycorine	$C_{19}H_{23}NO_4$	148
homophleine	$C_{56}H_{90}N_2O_9$	1801
homoquinine		2981
homostachydrine	$C_8H_{15}NO_2$	1902
homostephanoline	$C_{32}H_{44}N_2O_7$	2355
homothermopsine	$C_{17}H_{24}N_2O$	1878, 2024
hordenine (anhaline)	$C_{10}H_{15}NO$	704, 706, 1334, 1336, 1341, 1342, 1343, 1351, 1352, 1354, 1355, 1358, 1360
hortiacine	$C_{19}H_{18}N_2O_3$	3105
hortiamine	$C_{20}H_{17}N_3O_2$	3105
hunnemannine	$C_{20}H_{21}NO_3$	2569
hyatine	$C_{35}H_{36}N_2O_5$	2312
hyatinine	$C_{30}H_{32}N_2O_6$	2312
hydrastine	$C_{21}H_{21}NO_6$	551, 2782
hydroalkamine S	$C_{27}H_{43}NO_8$	2114
hydrocinchonidine		2857
hydrocinchonine		2982
hydrocotarnine	$C_{12}H_{15}NO_3$	2589
hydrocotyline	$C_{27}H_{37}NO_5$	3605
hydrohydrastinine	$C_{11}H_{13}NO_2$	2541
hydroipecamine	$C_{28}H_{25}N_2O_4$	2842
hydroquinidine	$C_{20}H_{26}N_2O_2$	2857
hydroquinine	$C_{20}H_{26}N_2O_2$	2857
hydrorhombinine	$C_{18}H_{30}N_2O_2$	1883
hydroxyberberine		533
1-hydroxy-2,3-dimethoxy-10-methyl-9(10H)-acridone.	$C_{16}H_{15}NO_4$	3060
7-hydroxy-3,6-ditigloyloxytropane.	$C_{18}H_{27}NO_5$	3292, 3294, 3300, 3302
hydroxylupanine (octalupine)	$C_{15}H_{24}N_2O_2$	1713, 1863, 1865, 1875, 1890, 1892, 1895, 1900, 1985
hydroxymatrine	$C_{15}H_{24}N_2O_2$	1994
N-hydroxyplatyphylline		993

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
8-hydroxyspartalupine	$C_{15}H_{26}N_2O$	1895
3-hydroxystachydrine	$C_7H_{13}NO_3$	759
5-hydroxytryptamine (serotonin).	$C_{10}H_{12}N_2O$	38, 468, 1914, 2262, 2404, 3617, 3617A
hydroxytyramine	$C_8H_{11}NO_2$	1713, 2433
hygrine	$C_8H_{15}NO$	1071, 1183, 1191
β-hygrine	$C_{14}H_{26}N_2O$	1183, 1191
hygroline	$C_8H_{17}NO$	1183, 1191
hymenodictine	$C_{22}H_{40}N_2$	2915
hyoscine (scopolamine)	$C_{17}H_{21}NO_4$	2214, 3271, 3287, 3288, 3291, 3292, 3294, 3297, 3298, 3299, 3300, 3301, 3302, 3304, 3305, 3307, 3308, 3309, 3332, 3406, 3411, 3415
hyoscyamine	$C_{17}H_{23}NO_3$	24, 25, 946, 3271, 3272, 3287, 3288, 3291, 3292, 3294, 3295, 3297, 3298, 3299, 3300, 3301, 3302, 3304, 3305, 3307, 3308, 3309, 3310, 3328, 3329, 3330, 3331, 3332, 3406, 3411, 3413, 3414, 3415, 3416, 3417, 3417A
ψ-hyoscyamine (norhyoscyamine).	$C_{16}H_{21}NO_3$	3332
hypaconitine	$C_{33}H_{45}NO_{10}$	2686, 2691, 2695, 2697, 2698, 2700, 2702, 2708, 2712, 2713, 2719, 2720, 2721, 2728, 2729, 2731, 2735
hypaphorine	$C_{14}H_{18}N_2O_2$	1738, 1739, 1741, 1743, 1751, 1752, 1753, 1754, 1758, 1759, 1760, 1761, 1763, 1765, 1766, 1768, 1769, 1773, 1781, 1783, 1784, 1785, 1792, 1793, 1794, 1795
hypoepistephanine		2355
hypognavine	$C_{27}H_{31}NO_5$	2720
hypoquebrachine		266, 267
hypotuberostemonine		3522
ibogaine	$C_{20}H_{26}N_2O$	310, 425
ibogamine	$C_{18}H_{22}N_2$ ($C_{19}H_{24}N_2$)	310, 413, 425
iboluteine	$C_{20}H_{24}N_2O_2$	425
iboxygaine	$C_{20}H_{26}N_2O_2$	310
ignavine	$C_{27}H_{31}NO_6$	2701, 2709, 2720, 2729
imperialine (sipeimine)	$C_{27}H_{43}NO_3$	2079, 2079A
imperoline	$C_{27}H_{45}NO_3$	2079
imperonine	$C_{27}H_{45}NO_3$	2079
incanine	$C_{18}H_{23}NO_5$	642
incanine N-oxide	$C_{18}H_{23}NO_7$	642
indaconitine	$C_{34}H_{47}NO_{10}$	2687
indicaine	$C_{10}H_{11}NO$	2657, 2658
indicamine	$C_{14}H_{23}NO$	2657
insulamine	$C_{16}H_{19}NO_2$	151
insulanoline	$C_{37}H_{38}N_2O_8$	2326
insularine	$C_{36}H_{36}N_2O_4$	2310, 2311, 2326, 2355
integerrimine	$C_{18}H_{25}NO_5$	997, 1003, 1672
inuline	$C_{16}H_{23}NO_4$	940

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
ionidine	$C_{19}H_{25}N_4O_4$	2556
ipecac-alkaloid A	$C_{16}H_{20}NO_7$	2965
ipecamine	$C_{28}H_{34}N_2O_4$	2842
irenine	$C_{17}H_{23}NO_3$	151
isatidine	$C_{18}H_{25}NO_7$	976, 998, 1017, 1025, 1031
isoaconitine	$C_{34}H_{47}NO_{11}$	2736
isoajmaline	$C_{20}H_{26}N_2O_2$	401, 408
isoammodendrine (sphaerocarpine).	$C_{12}H_{20}N_2O$	1604
isoaristolochic acid	$C_{17}H_{11}NO_7$	484, 495
isocalycanthine	$C_{22}H_{26}N_4$	713, 714, 715, 716
isochaksine	$C_{12}H_{21}N_3O_2$	1643
isochondodendrine	$C_{38}H_{38}N_2O_6$	648, 1504, 2300, 2305, 2306, 2307, 2308, 2309, 2312, 2326, 2344
isococlaurine	$C_{17}H_{19}NO_3$	2308
isoconessimine	$C_{28}H_{38}N_2$	303
isocorybulbine	$C_{21}H_{25}NO_4$	2518, 2534, 2541
isocorydine (luteanine)	$C_{20}H_{23}NO_4$	1462, 1477, 2335, 2369, 2383, 2526, 2534, 2539, 2545, 2547, 2555, 2564, 2566, 2568, 2596, 3161, 3178
isocorypalmine	$C_{20}H_{23}NO_4$	2517, 2518, 2526, 2529, 2531, 2534, 2541
C-isodihydrotoxiferine	$C_{20}H_{22}N_2$	2212, 3667
isodomesticine	$C_{19}H_{19}NO_4$	587
isofebrifugine	$C_{18}H_{19}N_3O_3$	3238
isogermidine (neogermidine)	$C_{34}H_{53}NO_{10}$	2135, 2141
isoguvacine	$C_6H_9NO_2$	2498
isohypognavine	----------	2701, 2736
isoleontine	$C_{18}H_{24}N_2O$	569
isolobinanidine	$C_{18}H_{27}NO_2$	727
isolobinine	$C_{19}H_{25}NO_2$	727
isolupanine	$C_{15}H_{24}N_2O$	1865, 1895
α-isolupanine	$C_{15}H_{24}N_2O$	1869
isolupinine	$C_{10}H_{19}NO$	1891
isolycopodine	$C_{16}H_{23}NO$	2222
isoorensine	$C_{19}H_{24}N_2O$	1588, 1591, 1720
isopelletierine	$C_8H_{15}NO$	1103, 2681, 3305
isopenniclavine	$C_{16}H_{18}N_2O_2$	1389
isophysostigmine	$C_{15}H_{21}N_3O_2$	1940
isopilocarpine	$C_{11}H_{16}N_2O_2$	3142, 3144, 3145
isopiptanthine	$C_{14}H_{24}N_2$	1946
isoporoidine	$C_{12}H_{21}NO_2$	3305
isopropylvinylputrescine	$C_9H_{20}N_2$	1737
isopyrine	----------	2785
ψ-isopyrine	----------	2785
isopyroine	$C_{28}H_{46}NO_6$	2783, 2785
isoraubimbine (3-epi-α-yohimbine).	$C_{21}H_{26}N_2O_3$	401
isoraunescine	$C_{31}H_{36}N_2O_8$	366, 378
isoreserpiline (elliptine)	$C_{22}H_{28}N_2O_5$	338, 363A, 365, 366, 369, 378, 391, 398, 408
isoreserpine	$C_{33}H_{40}N_2O_9$	378
isoreserpinine	$C_{22}H_{26}N_2O_4$	366, 378
isorhyncophylline	$C_{22}H_{28}N_2O_4$	2947
isorubijervine	$C_{27}H_{43}NO_2$	2125, 2127
isorubijervosine	$C_{33}H_{53}NO_7$	2127
isosetoclavine	$C_{16}H_{12}N_2O$	1389

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
isosinomenine	$C_{19}H_{23}NO_4$	2347
α-isosparteine (genisteine)	$C_{15}H_{26}N_2$	1869
β-isosparteine (spartalupine)	$C_{15}H_{26}N_2$	1895
isostemonidine	$C_{19}H_{31}NO_5$	3520
isotalatisidine	$C_{33}H_{37}NO_5$	2728,2756
isotazettine	$C_{18}H_{31}NO_3$	143
isotetrandrine	$C_{38}H_{42}N_2O_6$	548, 2313, 2315, 2351, 2358, 2369
isothebaine	$C_{19}H_{21}NO_3$	2578, 2584
isotomine		720
isotrilobine	$C_{38}H_{36}N_2O_5$	2320, 2321
isotuberostemonine	$C_{22}H_{33}NO_4$	3522
isovincamine	$C_{21}H_{26}N_2O_3$	431, 436
isovoacangine	$C_{22}H_{28}N_2O_3$	412
isoyohimbine	$C_{21}H_{26}N_2O_3$	401, 2894
jaborandine	$C_{18}H_{28}N_2O_2$	2638, 2647, 3145
ψ-jaborine		3149
jacobine	$C_{18}H_{25}NO_5$	975, 981, 986, 999, 1014, 1042
jacodine (α-longilobine, senecifylline).	$C_{18}H_{23}NO_5$	970, 981, 999, 1014
jacoline	$C_{18}H_{27}NO_7$	999
jaconine	$C_{20}H_{32}ClNO_7$	999
jacozine	$C_{18}H_{23}NO_6$	999
jambosine	$C_{10}H_{15}NO_2$	2418, 2420
japaconitine		2695
jatrophine	$C_{14}H_{20}NO_6$	1237
jatrorrhizine (neprotine)	$C_{20}H_{21}NO_5$	533, 535, 541, 542, 545, 548, 550, 556, 557, 559, 573, 575, 576, 579, 580, 581, 582, 584, 587, 2301, 2303, 2322, 2323, 2329, 2333, 2334, 2746, 2748, 2801, 3134
javanine		2844, 2857, 2864
jaxartinine	$C_{10}H_{15}NO$	3669
jervine	$C_{27}H_{39}NO_3$	2042, 2125, 2127, 2128, 2129, 2131, 2132, 2134, 2135
ψ-jervine	$C_{33}H_{49}NO_8$	2125, 2127, 2128, 2135
jesaconitine	$C_{35}H_{49}NO_{12}$	2695, 2709, 2719, 2727
junceine	$C_{18}H_{27}NO_7$	1673
Kajigamori base	$C_{23}H_{27-29}NO_6$	2720
kamassine (quebrachamine)	$C_{19}H_{26}N_2$	300
Katsuyama base I	$C_{22}H_{27-29}NO_3$	2720
Katsuyama base II	$C_{29}H_{35}NO_5$	2720
4-ketodihydroquinazoline	$C_8H_8N_2O$	3238
kobusine	$C_{20}H_{27}NO_2$	2695, 2702, 2703, 2719
ψ-kobusine	$C_{20}H_{27}NO_3$	2703, 2734
kokusagine	$C_{13}H_9NO_4$	3060, 3126
kokusaginine	$C_{14}H_{13-15}N_4$	3003, 3050, 3055, 3060, 3074, 3075, 3077, 3091, 3126, 3130, 3152
kokusaginoline	$C_{17}H_{13}NO_5$	3126
kopsamine (kopsine)	$C_{24}H_{28}N_2O_2$	315, 317
kopsaporine	$C_{23}H_{26}N_2O_6$	320
kopsiflorine	$C_{23}H_{28}N_2O_5$	317
kopsilongine	$C_{24}H_{30}N_2O_6$	317
kopsine (kopsamine)	$C_{24}H_{28}N_2O_2$	313, 315, 316
kopsingarine	$C_{22}H_{28-30}N_2O_7$	320

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
kopsingine	$C_{24}H_{28}N_2O_7$	320
kopsinine	$C_{21}H_{26}N_2O_2$	315, 317
koumine	$C_{20}H_{22}N_2O$	2152
kouminicine		2152
kouminidine	$C_{19}H_{26}N_2O_4$	2152
kouminine		2152
kounidine	$C_{21}H_{24}N_2O_5$	2152
krigeine	$C_{15}H_{21}NO_6$	164
kukoline	$C_{16}H_{20}NO_3$	2313
kurchamine	$C_{22}H_{36}N_2$	303
kurchicine	$C_{20}H_{26}N_2O$	302, 303
kurchine	$C_{23}H_{38}N_2$	303
L 2	$C_{16}H_{29}NO_2$	2226, 2228
L 3	$C_{18}H_{31}NO_2$	2226, 2228
L 4	$C_{16}H_{27}N$	2226, 2228
L 5	$C_{18}H_{28}N_2O_2$	2226, 2228
L 8 (L 30)	$C_{16}H_{25}NO_2$	2222, 2234
L 9	$C_{16}H_{25}NO_2$	2222
L 10	$C_{16}H_{27}NO$	2222
L 11 (annotine)	$C_{16}H_{21}NO_3$	2222
L 13	$C_{16}H_{25}NO$	2225, 2230, 2231, 2232, 2235
L 14	$C_{16}H_{25}N$	2235
L 15	$C_{20}H_{31}NO_4$	2235
L 16	$C_{16}H_{25}NO$	2231
L 17	$C_{18}H_{27}NO_3$	2231
L 18	$C_{17}H_{22}N_4O_3$	2225
L 19		2225
L 20	$C_{17}H_{27}NO_2$	2230
L 21	$C_{13}H_{21}NO$	2230
L 22	$C_{16}H_{27}NO$	2230
L 23	$C_{16}H_{25}NO_2$	2230
L 24	$C_{16}H_{25}NO$	2230
L 25	$C_{16}H_{25}NO_2$	2230
L 26	$C_{15}H_{25}NO$	2232
L 27 (acrifoline)	$C_{15}H_{21}NO_2$	2223
L 28	$C_{17}H_{27}NO_2$	2222, 2223
L 29	$C_{16}H_{23}NO_2$	2222, 2223
L 30 (L 8)	$C_{16}H_{25}NO_2$	2223
L 31	$C_{20}H_{29}NO_4$	2222, 2223
L 33		2224
L 34	$C_{16}H_{25}NO_2$	2227
L 35	$C_{14}H_{21}NO$	2227
laburnine	$C_8H_{15}NO$	1702
lagochiline	$C_{12}H_{23}NO_2$	1408
lamarkine	$C_{13}H_{12}N_2O_6$	1090
lambertine	$C_{20}H_{19}NO_4$	550, 556
lanceine	$C_{20}H_{26}N_2O_3$ ($C_{24}H_{30}N_2O_4$)	323
lantanine		3633
lanthopine	$C_{23}H_{25}NO_4$	2589
lappaconitine	$C_{32}H_{44}N_2O_8$	2691, 2714, 2722
lasiocarpine	$C_{21}H_{33}NO_7$	620, 622
lasiocarpine N-oxide	$C_{21}H_{33}NO_8$	620
laudanidine	$C_{20}H_{25}NO_4$	2589
laudanine	$C_{20}H_{25}NO_4$	2589
laudanosine	$C_{21}H_{27}NO_4$	2589
laureline	$C_{19}H_{19}NO_3$	1488, 2830
laurepukine	$C_{18}H_{17}NO_4$	1488, 2380
laurifoline	$C_{32}H_{33}NO_2$	2316, 3157A

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
laurotetanine	$C_{19}H_{21}NO_4$	846, 1376, 1451, 1457, 1476, 1489, 1490, 1491, 1492, 1496, 1497, 1498, 1499, 1501, 1507, 1514
lelobanidines I, II	$C_{13}H_{29}NO_2$	727, 730
lelobanidine III		730
leontamine	$C_{14}H_{26}N_2$	569
leonticine		570
leontidine	$C_{14}H_{18}N_2O$	569
leontine	$C_{15}H_{24}N_2O$	569
leonurine	$C_{10}H_{14}N_2O_2$	1413
leonurinine	$C_{10}H_{14}N_2O_3$	1413
leptactinine		2921
leptaflorine (tetrahydroharmine).	$C_{13}H_{16}N_2O$	2920
leptocladine	$C_{13}H_{16}N_2$	813, 814
lettocine	$C_{17}H_{25}NO_2$	303
leucenol (mimosine)	$C_8H_{10}N_2O_4$	1857
leurosine		438
lilloine		1941
linantenine		1288
lindelofamine	$C_{20}H_{33}NO_5$	626, 631
lindelofine	$C_{16}H_{27}NO_4$	626, 631
lobelanidine	$C_{22}H_{29}NO_2$	727, 737, 738
lobelanine	$C_{22}H_{25}NO_2$	727, 732A, 733, 739
lobeline	$C_{22}H_{27}NO_2$	722, 724, 725, 727, 730, 731, 732, 732A, 733, 734, 736, 737, 738, 739
lobinaline	$C_{28}H_{38}N_2O$	722
lobinanidine	$C_{18}H_{27}NO_2$	727
lobine	$C_{23}H_{31}N_3O_4$	1929
lobinine	$C_{18}H_{25}NO_2$	727
lochneram		3667
lochnericine	$C_{21}H_{24}N_2O_3$	438
lochnerine	$C_{20-21}H_{26-28}N_2O_2$	438
loganine		2188
loliine		1349
loline	$C_8H_{14}NO$	1345
lolinidine		1345
α-longilobine (jacodine)	$C_{18}H_{23}NO_5$	969, 979, 983, 984, 1008
β-longilobine (restrorsine)	$C_{18}H_{25}NO_6$	969, 983, 984, 1008, 1016
lophanterine		2260
lophilacrine	$C_{14}H_{25-27}NO_2$	736
lophiline	$C_{7-25}H_{36-38}N_2O_3$	736
lophocerine		683
lophophorine	$C_{13}H_{17}NO_3$	684, 690
loturidine		3558
loturine (aribine)	$C_{23}H_{20}N_4$	3558
loxopterygine	$C_{28}H_{34}N_2O_2$	190, 191, 192, 194
lucaconine	$C_{21}H_{33}NO_6$	2703
lucidine-L		2188
lucidine-S		2188
lucidusculine	$C_{24}H_{37}NO_4$	2703
luffanine		1131
lumicolchicine		2090
lunacridine	$C_{17}H_{23}NO_4$	3106, 3107
lunacrine	$C_{16}H_{19}NO_3$	3106, 3107, 3108
lunamaridine	$C_{16}H_{15}NO_2$	3106, 3107
lunamarine	$C_{16}H_{15}NO_4$	3106, 3107
lunariamine	$C_{24}H_{33}N_3O_4$	1121
lunaridine	$C_{25}H_{31}N_3O_4$	1121

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
lunarine	$C_{25}H_{31}N_3O_4$	1120, 1121
lunasine	$C_{16}H_{21}NO_5$	3106, 3107
lunine	$C_{16}H_{17}NO_4$	3108
lupanine	$C_{15}H_{24}N_2O$	569, 1632, 1690, 1695, 1702, 1712, 1713, 1714, 1820, 1863, 1865, 1866, 1869, 1871, 1874, 1877, 1880, 1883, 1886, 1890, 1891, 1892, 1894, 1895, 1897, 1900, 1964, 1966, 1967, 1985, 2040, 3466
lupanoline	$C_{15}H_{24}N_2O_2$	1895
lupilaxine	$C_{15}H_{24}N_2O_2$	1880, 1895
lupinine	$C_{10}H_{19}NO$	808, 1882, 1886, 1887, 1889
lurenine		738
luteanine (isocorydine)	$C_{20}H_{23}NO_4$	2526
luteine	$C_{15}H_{16}NO_4$	175
LV–1	$C_{15}H_{22}N_2O$	1898
LV–2	$C_{15}H_{24}N_2O_2$	1898
LV–3	$C_{20}H_{27}NO_4$	1898
LV–4	$C_{17}H_{23}NO_5$	1898
lycaconitine	$C_{36}H_{45}N_3O_{10}$	2696, 2705
lycoctonine		2752
lycodine	$C_{17}H_{24}N_2$	2222
lycopodine	$C_{16}H_{25}NO$	2222, 2223, 2225, 2226, 2227, 2228, 2230, 2231, 2232, 2234, 2235
lycoramine	$C_{17}H_{25}NO_3$	148, 150
lycoremine (galanthamine)	$C_{17}H_{21}NO_3$	148
lycorenine	$C_{18}H_{23}NO_4$	88, 118, 119, 143, 144, 145, 148, 150, 151, 152, 153, 155, 155A, 158, 186
lycorine (narcissine)	$C_{16}H_{17}NO_4$	72, 73, 74A, 75, 78, 79, 80A, 81, 83, 84, 85, 86, 88, 89, 90, 92, 94, 95, 96, 97, 98, 100, 102, 103, 104, 105, 106, 107, 108, 110, 111, 113, 114, 115, 116, 117, 121, 123, 125, 131, 132, 133, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 150, 151, 152, 153, 154, 155, 155A, 156, 158, 160, 161, 162, 163, 164, 165, 166, 167, 168, 170, 171, 173, 174, 175, 176, 177, 178, 180, 181, 182, 184, 185, 186, 187, 188
ψ-lycorine	$C_{16}H_{17}NO_4$	90, 148
macarpine		2574
macoubeine	$C_{22}H_{26}N_2O_2$	325
macralstonidine	$C_{41}H_{50}N_4O_3$	240, 244, 247, 248
macralstonine	$C_{47}H_{54}N_4O_5$	240, 244, 247, 248
macrocarpine		2803
macrophylline	$C_{13}H_{21}NO_3$	240, 1009
macrophylline A	$C_{20}H_{23}N_2O_2$	2189
macrophylline B		2189
maculine	$C_{13}H_9NO_4$	3075, 3077
maculosidine	$C_{14}H_{13}NO_4$	3077

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
maculosine	$C_{18}H_{15}NO_5$	3077
magnarcine	$C_{17}H_{21}NO_4$	151
magnocurarine	$C_{19}H_{23}NO_4$	1370, 2243, 2247, 2248, 2249, 2250
magnoflorine		481, 485, 533, 556, 561, 564, 565, 566, 576, 578, 587, 2243, 2245, 2246, 2249, 2316, 2321, 2326, 2347, 2746, 2806, 3134, 3157A, 3173
magnolamine	$C_{38}H_{40}NO_7$	2244
magnoline	$C_{38}H_{40}NO_6$	2244
makrotomine	$C_{15}H_{27}NO_5$	629
manacine	$C_{13}H_{22}N_4O_5$	3276
mandragorine	$C_{15}H_{19}NO_2$	3276, 3328, 3329, 3332
manthidine	$C_{18}H_{21}NO_4$	121
manthine	$C_{18}H_{21}NO_4$	120
margosine		2288
masonine	$C_{17}H_{17}NO_4$	166
matrine	$C_{15}H_{24}N_2O$	1043, 1865, 1990, 1991, 1994, 1999, 2000, 2004
matrine N-oxide	$C_{15}H_{24}N_2O_2$	1994
mauiensine	$C_{20}H_{26}N_2O$	382
mavacurine		2162, 2174, 2189, 2191, 2201, 2203, 2204
C-mavacurine	$C_{20}H_{25}N_2O$	2190, 2208, 2212, 3667
mayumbine	$C_{21}H_{24}N_2O_3$	2960, 2962
meconidine	$C_{21}H_{23}NO_4$	2589
medicosmine	$C_{17}H_{15}NO_3$	3109
megacarpidine	$C_{21}H_{46}NO_2$	3471A
melicopicine	$C_{18}H_{19}NO_5$	3003, 3112
melicopidine	$C_{17}H_{15}NO_5$	3003, 3050, 3060, 3112
melicopine	$C_{17}H_{15}NO_3$	3002, 3003, 3112
melinonine A	$C_{22}H_{27}N_2O_3$	2190, 3667
melinonine B	$C_{20}H_{27}N_2O$	2190, 3667
melinonine E	$C_{20}H_{23-25}N_2O$	2190
melinonine F	$C_{13}H_{13}N_2$	2190
melinonine G	$C_{17}H_{15}N_2$	2190
melinonine H	$C_{20}H_{21-23}N_2O$	2190
melinonine I		2190
melinonine K		2190
melinonine L	$C_{20}H_{28}N_2O_4$	2190
melinonine M		2190
menisarine	$C_{35}H_{34}N_2O_6$	2320
menisidine	$C_{35}H_{38}N_2O_6$	2321, 2342, 2358
menisine	$C_{38}H_{42}N_2O_6$	2321, 2342, 2358
menisperine	$C_{21}H_{26}NO_4$	587, 2339
menispermine	$C_{18}H_{24}NO_2$	2298, 2299
mercurialine		1250
mesaconitine	$C_{33}H_{45}NO_{11}$	2686, 2691, 2692, 2695, 2697, 2698, 2700, 2701, 2702, 2706, 2707, 2708, 2709, 2711, 2712, 2713, 2719, 2720, 2727, 2728, 2729, 2731, 2735
mescaline	$C_{11}H_{17}NO_3$	676, 684, 690, 693, 708
mesembrenine	$C_{17}H_{23}NO_3$	51
mesembrine	$C_{17}H_{25}NO_3$	49, 50, 51
metaphanine	$C_{18}H_{25}NO_3$	2355
meteloidine	$C_{13}H_{21}NO_4$	3292, 3294, 3295, 3298
5-methoxycanthin-6-one	$C_{15}H_{10}N_2O_2$	3129

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
methoxychelidonine	$C_{21}H_{21}NO_6$	2513
methoxyellipticine	$C_{19}H_{16}N_2O$(?)	338
7-methoxy-1-methyl-2-phenyl-4-quinolone.	$C_{17}H_{15}NO_2$	3108
5-methoxy-N-methyltryptamine.	$C_{12}H_{16}N_2O$	1355
4-methoxy-2-phenylquinoline	$C_{16}H_{13}NO$	3106
3-methoxypyridine	C_6H_7NO	1174, 2025
11-methoxy-δ-yohimbine (alkaloid A ex *R. serpentina*).	$C_{22}H_{26}N_2O_4$	401
N-methylanabasine	$C_{11}H_{16}N_2$	808, 3383
O-methylanhalonidine	$C_{13}H_{19}NO_3$	690
methylcocaine	$C_{18}H_{23}NO_4$	1183, 1191
N-methylconiine	$C_9H_{19}N$	3600
N-methylcytisine	$C_{12}H_{16}N_2O$	562, 568, 571, 1043, 1608, 1624, 1629, 1630, 1693, 1699, 1702, 1704, 1715, 1815, 1825, 1828, 1924, 1979, 1994, 1999, 2004, 2007, 2023, 2024, 2025
methylecgonidine		1183, 1191
N-methylephedrine	$C_{11}H_{17}NO$	1317
N-methyl-ψ-ephedrine	$C_{11}H_{17}NO$	1317, 1323
8-methyl-10-ethyl-lobelidiol	$C_{13}H_{27}NO_2$	727
N-methyl-2-(4-hydroxyphenyl)-ethylamine.	$C_9H_{13}NO$	3669
methylisochondodendrine (cycleanine).	$C_{38}H_{42}N_2O_6$	2309, 2310, 2351
N-methylisocorydine	$C_{21}H_{25}NO_4$	1462, 3063, 3161, 3178
methylisopelletierine	$C_9H_{17}NO$	1165, 2681
N-methyllaurotetanine	$C_{20}H_{23}NO_4$	1491, 1492, 2383
methyllycaconitine	$C_{37}H_{48}N_2O_{10}$	940, 2755, 2759, 2760, 2770
N-methylmescaline	$C_{12}H_{19}NO_3$	684, 690
methylpelletierine	$C_9H_{17}NO$	2681
N-methyl-β-phenethylamine	$C_9H_{13}N$	813, 1516, 1523, 1561, 1563
8-methyl-10-phenyl-lobelidiol	$C_{17}H_{27}NO_2$	727
N-methylpiperidine	$C_6H_{13}N$	830, 831
2-methylpiperidine	$C_6H_{13}N$	3600
methylpseudolycorine	$C_{17}H_{21}NO_4$	155A
O-methylpsychotrine	$C_{26}H_{36}N_2O_4$	2841, 2842
N-methylpyrrolidine	$C_5H_{11}N$	3383
β-methylpyrroline	C_5H_9N	2643
N-methylpyrroline	C_5H_9N	3271
O-methylrepandine	$C_{38}H_{42}N_2O_5$	2372, 2374
methylreserpate (seredine)	$C_{23}H_{30}N_2O_5$	401
3-methyl-1, 2, 3, 4-tetrahydro-α-carboline.	$C_{12}H_{14}N_2$	813
N-methyltetrahydroharmol	$C_{13}H_{16}N_2O$	1163
4-(methylthio)canthin-6-one	$C_{15}H_{10}N_2OS$	3129
N-methyltyramine	$C_9H_{13}NO$	1342, 1343
O-methyltyramine-N-methylcinnamide.	$C_{19}H_{21}NO_2$	3159
micranthine	$C_{21}H_{28}N_2O_6$	383, 1237A, 2373, 2374
mikanoidine	$C_{21}H_{29}NO_6$	1001, 1011
mimosine (leucenol)	$C_8H_{10}N_2O_4$	1857, 1910
minorine	$C_{22}H_{28}N_2O_3$	432, 436
minpeimine	$C_{27}H_{43}NO_2$	2087
minpeiminine		2087
mitragynine	$C_{22}H_{31}NO_5$	2926, 2927, 2928, 2929, 2930, 2932, 2933, 2943, 2947

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
mitragynol	$C_{21}H_{26}N_2O_5$	2926, 2927, 2928, 2929, 2930, 2932, 2933, 2943, 2947
mitraphylline	$C_{21}H_{25}N_2O_4$	2826, 2928, 2931, 2943, 2995
mitraspecine	$C_{28}H_{36}N_2O_5$	2932
mitraversine	$C_{22}H_{26}N_2O_4$	2926, 2927, 2928, 2929, 2930, 2932, 2933, 2943, 2947
mitrinermine (rhynchophylline)	$C_{22}H_{28}N_2O_4$	2927, 2930, 2934
mixture		2753, 2767, 2768, 2773
miyaconitine	$C_{23}H_{29}NO_6$	2710
miyaconitinone	$C_{23}H_{27}NO_6$	2710
molliclavine	$C_{16}H_{18}N_2O_2$	1389
momordicine		1133
monephedrine	$C_{13}H_{19}NO$	1313
monoacetylsongorine		2724
monoacetyltalatisamine		2713
monocrotaline	$C_{16}H_{23}NO_6$	1680, 1683
monocrotaline N-oxide	$C_{16}H_{23}NO_8$	1680
monolupine (anagyrine)	$C_{15}H_{20}N_2O$	1869
monomethylholarrhimine I	$C_{22}H_{38}N_2O$	303
monomethylholarrhimine II	$C_{22}H_{38}N_2O$	303
monspessulanine	$C_{15}H_{22}N_2O$	1704
montanine	$C_{17}H_{19}NO_4$	120, 121, 124
moradeine		2956
moringine	C_7H_9N	2402
morphine	$C_{17}H_{19}NO_3$	2397, 2507, 2556, 2587, 2588, 2589
ψ-morphine	$C_{34}H_{36}N_2O_6$	2589
marrenine		518
moschatine	$C_{21}H_{27}NO_7$	855, 856
mucuadine		1914
mucuadinine		1914
mucuadininine		1914
mucunadine		1914
mucunine		1914
muricine	$C_{12}H_{21}NO_4$	201
muricinine	$C_{16}H_{19}NO_4$	201
muscarine	$C_5H_{19}NO_3$	20, 24, 25, 27, 30, 31, 32, 33, 34, 35, 36, 44
α- and β-myketosine		24
myoctonine	$C_{72}H_{84}N_4O_{20}$	2705
myosmine	$C_9H_{10}N_2$	3383
myriocarpine		1129
mandazurine	$C_{28}H_{18}N_2O_6$	587
nandinine	$C_{19}H_{19}NO_4$	587, 2532
nantenine (domesticine, epidicentrine).	$C_{19}H_{19}NO_4$	587
napelline	$C_{22}H_{33}NO_3$	2712
napellonine	$C_{22}H_{31}NO_3$	2712
narceine	$C_{23}H_{27}NO_8$	764, 2589
narcipoetine (homolycorine)	$C_{19}H_{23}NO_4$	155
narcissamine	$C_{16}H_{19}NO_5$	151, 155A
narcissidine	$C_{18}H_{23}NO_5$	150, 151, 152, 155, 166
narcissine (lycorine)	$C_{16}H_{17}NO_4$	78
narcotine	$C_{22}H_{23}NO_7$	1109, 2190, 2585, 2587, 2589, 3035, 3038, 3318, 3509
narcotoline	$C_{21}H_{21}NO_7$	2589
naregamine		2290

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
nartazine	$C_{20}H_{23}NO_6$	156
narwedine	$C_{17}H_{19}NO_3$	151
narzettine	$C_{20}H_{23}NO_6$	156
natalensine (haemanthamine)	$C_{17}H_{19}NO_4$	126, 128
natrine	$C_{23}H_{39}NO$	3442
nebularine	$C_{10}H_{12}N_4O_4$	21
nelumbine		2440, 2441
nemorine	$C_{24}H_{39}NO_4$	2713
neoajmaline	$C_{20}H_{28}N_2O_2$	401
neogermbudine	$C_{37}H_{59}NO_{12}$	2125, 2135
neogermidine (isogermidine)	$C_{34}H_{53}NO_{10}$	2141,2143
neogermitrine	$C_{36}H_{55}NO_{11}$	2127, 2128, 2135, 2141, 2143
neoline	$C_{23}H_{39}NO_6$	2712
neopeilline	$C_{32}H_{45}NO_9$	2712, 2726
neopine	$C_{18}H_{21}NO_3$	2589
neosabadine	$C_{27}H_{43}NO_6$	2114
neprotine (jatrorrhizine)	$C_{19}H_{21}NO_5$	553, 573, 575, 577, 579, 580, 583, 584
nerinine	$C_{19}H_{25}NO_5$	136, 137, 142, 167, 184
nerispine	$C_{17}H_{19}NO_4$	168
neronine	$C_{16}H_{19}NO_5$	164
nerundine	$C_{18}H_{21}NO_5$	168
neruscine	$C_{18}H_{23}NO_3$	161
nicoteine	$C_{10}H_{12}N_2$	3383
nicotelline	$C_{10}H_8N_2$	3383
nicotimine	$C_{10}H_{14}N_2$	3383
nicotine	$C_{10}H_{14}N_2$	499, 918, 1064, 1103, 1174, 1175, 1176, 1183, 1191, 1914, 2224, 2225, 2226, 2228, 2230, 2232, 2235, 2390, 3303, 3305, 3335, 3337, 3338, 3339, 3340, 3341, 3342, 3343, 3345, 3346, 3347, 3348, 3349, 3350, 3351, 3352, 3353, 3354, 3355, 3356, 3357, 3357A, 3358, 3359, 3360, 3362, 3363, 3364, 3365, 3366, 3367, 3368, 3369, 3370, 3371, 3372, 3373, 3374, 3376, 3378, 3380, 3381, 3382, 3382A, 3383, 3385, 3386, 3387, 3388, 3390, 3517
nicotyrine	$C_{10}H_{10}N_2$	3383
nierembergine		3391
nigelline		2794
nigerine	$C_{13}H_9N_3O$	1908
nikanine	$C_{18}H_{27}NO_5$	642
nikanine N-oxide	$C_{18}H_{27}NO_6$	642
nishindine	$C_{15}H_{21}NO$	3645
nitidine	$C_{21}H_{18}NO_5$	3168
nivaline	$C_{18}N_{19}NO_5$	116, 140
nonalupine	$C_{15}H_{28}N_2$	1864, 1895
norarecaidine		2498
norarecoline		2498
norargemonine		2506, 2507
noratropine	$C_{16}H_{21}NO_3$	3417A
norconessine	$C_{23}H_{38}N_2$	303

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
norcycleanine	$C_{37}H_{40}N_2O_6$	2326
nordihydrotoxiferine		3667
nor-C-dihydrotoxiferine	$C_{19}H_{20-27}N_2$	2208
norephedrine		1323
nor-ψ-ephedrine	$C_9H_{13}NO$	788, 1323
norevoxanthine		3060
norfagarine		3105
norhyoscyamine (ψ-hyoscyamine, solandrine, tropylnortropeine).	$C_{16}H_{21}NO_3$	3297, 3298, 3304, 3305, 3329, 3332, 3414, 3415, 3417A, 3417B
norisocorydine	$C_{19}H_{21}NO_4$	2383
norlelobanidine	$C_{17}H_{27}NO_2$	727
norlobelanidine	$C_{21}H_{27}NO_2$	727, 730, 733
norlobelanine	$C_{21}H_{23}NO_2$	727, 733, 737
normelicopidine	$C_{16}H_{13}NO_3$	3060
normenisarine	$C_{35}H_{32}N_2O_6$	2321
nornicotine	$C_9H_{12}N_2$	1064, 3303, 3305, 3335, 3339, 3340, 3341, 3342, 3344, 3345, 3349, 3350, 3351, 3352, 3353, 3354, 3355, 3356, 3357, 3357A, 3358, 3359, 3361, 3362, 3363, 3364, 3365, 3366, 3367, 3369, 3371, 3372, 3373, 3374, 3375, 3377, 3378, 3380, 3381, 3382, 3382A, 3383, 3385, 3386, 3387, 3388, 3389, 3409
norpluviine	$C_{16}H_{19}NO_3$	148
novacine	$C_{24}H_{28}N_2O_5$	2193
nuciferine	$C_{19}H_{21}NO_2$	2441
nupharidine	$C_{15}H_{23}NO_2$	2442
α- and β-nupharidine	$C_{15}H_{23}NO$	2443
nymphaeine	$C_{14}H_{23}NO_2$	2444
obscurine	$C_{18}H_{28}N_2O$	2222, 2226, 2228, 2231
ochotensimine	$C_{22}H_{23}NO_4$	2530
ochotensine	$C_{21}H_{21}NO_4$	2530, 2537, 2547
ochrobirine	$C_{20}H_{19}NO_5$	2526, 2531, 2537
ocoteine	$C_{16}H_{17}NO_3$	1509
ocotine	$C_{35}H_{36}N_2O_6$	1510
octalupine (hydroxylupanine)	$C_{15}H_{24}N_2O_2$	1895
oduline	$C_{17}H_{19}NO_4$	151, 153
olivacine	$C_{17}H_{14}N_2$	262A
ophiocarpine	$C_{20}H_{21}NO_5$	2532
orensine	$C_{19}H_{24}N_2O$	1587, 1591
oreoline	$C_{28}H_{43}NO_7$	2770
oripavine	$C_{18}H_{21}NO_3$	2578, 2581, 2584
orixine	$C_{18}H_{21}NO_5$	3126
ormosanine	$C_{30}H_{32}N_2$	1917, 1918, 1920, 1921, 1922, 1923, 1925
ormosine	$C_{20}H_{33}N_3$	1918, 1919
ormosinine	$C_{20}H_{33}N_3$	1918, 1919, 1920, 1921, 1922, 1923, 1925
orobanhamine	$C_{20}H_{31}NO_{14}$	2497B
othosenine	$C_{19}H_{27}NO_7$	985, 1013, 1024, 1042, 1679
N-oxidoplatyphylline	$C_{18}H_{27}NO_5$	1021
N-oxidoseneciphylline	$C_{18}H_{23}NO_5$	1021
oxosparteine		1815
exotuberostemonine	$C_{22}H_{31}NO_5$	3522

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
oxyacanthine	$C_{37}H_{40}N_2O_6$	535, 541, 542, 545, 550, 556, 559, 573, 574, 575, 576, 577, 579, 580, 583, 584
oxyaphyllidine	$C_{15}H_{20}N_2O_2$	808
oxyaphylline		808
oxyberberine (berlambine)	$C_{20}H_{17}NO_6$	556
oxycandicine		703
oxychelidonine	$C_{20}H_{17}NO_6$	2513
oxymatrine	$C_{15}H_{24}N_2O_2$	1991
oxynarcotine	$C_{22}H_{23}NO_8$	2589
oxynitidine	$C_{21}H_{17}NO_6$	3168
oxysanguinarine	$C_{20}H_{15}NO_5$	2593
pachycarpidine	$C_{15}H_{22}N_2O_2$	2000
pachycarpine (*d*-sparteine)	$C_{15}H_{26}N_2$	569, 1604, 1608, 1695, 1979, 1990, 1995A, 1997, 1998, 2000, 2024
pahybrine	$C_{22}H_{30}N_2O_4$	2582
paipunine	$C_{24}H_{27}NO_4$	3523
palicourine		2948, 2949
palmatine (calystigine)	$C_{21}H_{23}NO_5$	210A, 534, 535, 541, 542, 545, 548, 550, 556, 557, 559, 573, 575, 576, 577, 579, 584, 2303, 2317, 2319, 2322, 2323, 2329, 2333, 2334, 2340, 2341, 2363, 2367, 2518, 2746, 2748, 2801, 3134, 3135, 3137
palmatisine		2715
palosine	$C_{23}H_{32}N_2O_3$	264
palustridine	$C_{13}H_{31}N_3O_3$	1176
palustrine	$C_{17}H_{29}N_3O_2$	1174, 1175, 1176
panamine	$C_{20}H_{33}N_3$	1917, 1920, 1921, 1922, 1923, 1925
pancratine	$C_{17}H_{19}NO_5$	171
paniculatine (ex *Aconitum paniculatum*).	$C_{29}H_{35}NO_7$	2716
paniculatine (ex *Celastrus paniculata*).		791
paniculatine (ex *Corynanthe paniculata*).	$C_{21}H_{26}N_2O_3$	2893
paniculatine (ex *Pausinystalia paniculata*)		2950
papaveramine	$C_{21}H_{25}NO_5$	2589
papaverine	$C_{20}H_{21}NO_4$	401, 2585, 2589
paraisine		2288
paramenispermine	$C_{18}H_{24}NO_2$	2298, 2299
paricine	$C_{16}H_{18}N_2O$	2857, 2868, 2873, 2982
parkamine	$C_{18}H_{21}NO_5$	74A
paronychine		782
parostemenine		1503
parquine	$C_{21}H_{39}NO_8$	3283, 3285, 3311
parthenine		954
parvifagarine	$C_{23}H_{21}NO_4$	3066
passiflorine	$C_{12}H_{10}N_2$	2597, 2598, 2599, 2600, 2603, 2605, 2606
paucicaline	$C_{18}H_{27}NO_8$	1017
paucine	$C_{17}H_{39}N_5O_5$	1934
paytamine	$C_{21}H_{24}N_2O$	271, 2918
paytine	$C_{21}H_{24}N_2O$	271, 2918

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
peganine (vasicine)	$C_{11}H_{12}N_2O$	3661
peimidine	$C_{27}H_{45}NO_2$	2082
peimine	$C_{27}H_{45}NO_3$	2082, 2085
peiminine	$C_{27}H_{43}NO_3$	2079, 2082
peimiphine	$C_{27}H_{46}NO_3$	2082
peimisine	$C_{27}H_{43}NO_4$	2082
peimitidine	$C_{27}H_{44}NO_3$	2082
pelletierine	$C_8H_{15}NO$	2681
ψ-pelletierine	$C_9H_{15}NO$	2681
pellitorine		861
pellotine	$C_{13}H_{19}NO_3$	684, 690, 691
pelosine (bebeerine)	$C_{38}H_{38}N_2O_6$	2367
penniclavine	$C_{16}H_{18}N_2O_2$	1389
pentalupine	$C_{16}H_{30}N_2O$	1889
pentaphylline (skimmianine)	$C_{14}H_{13}NO_4$	3090
perakenine		391
perakine	$C_{21}H_{22}N_2O_3$	391
peregrinine		2797
pereirine	$C_{20}H_{26}N_2O$	297, 299
pereitrine	$C_{19}H_{24}N_2O$	299
perivincine	$C_{23}H_{26}N_2O_4$	436
perivine		438
perlolidine	$C_{25}H_{18}N_4O_2$	1347
perloline	$C_{36}H_{22}N_4O_3$	1340, 1346, 1347, 1349, 1357
petaline	$C_{20}H_{22}NO_3$	570
petomine	$C_{17}H_{21}NO_6$	74A, 151
phaeantharine		218
phaeanthine	$C_{38}H_{42}N_2O_6$	218, 1370, 2343
phalloidine	$C_{40}H_{47}N_9O_{10}S$	26
phanostenine	$C_{17}H_{19}NO_4$	2357
pheliozine	$C_{17}H_{15}NO_3$	3098
pheliodendrine		3134
phenethylamine	$C_8H_{11}N$	1516, 1517, 1518, 1522, 1524, 1525, 1529, 1534, 1536, 1537, 1539, 1543, 1549, 1550, 1551, 1553, 1554, 1556, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1569, 1571, 1572, 1573, 1579, 1580, 1598, 1599, 2220, 2673A
8-phenyl-lobelol-I	$C_{14}H_{21}NO$	727
8-phenyl-norlobelol-I	$C_{13}H_{19}NO$	727
physostigmine	$C_{15}H_{21}N_3O_2$	1235, 1730, 1912, 1915, 1939, 1940, 2036
physovenine	$C_{14}H_{18}N_2O_3$	1940
phytelephantine		2502
phytolaccine		2610
α-picoline	C_6H_7N	1347, 2669
picroroccelline	$C_{27}H_{21}N_2O_6$	2822
pillijanine	$C_{15}H_{21}N_2O$	2233
pilocarpidine	$C_{10}H_{14}N_2O_2$	3142
pilocarpine	$C_{11}H_{16}N_2O_2$	1389, 3141, 3142, 3144, 3145, 3146, 3147
ψ-pilocarpine		3149
piloceredine	$C_{30}H_{44}N_2O_4$	683
pilocereine	$C_{30}H_{42}N_2O_4$	681, 682, 683, 695, 699
pilosine	$C_{15}H_{18}N_2O_3$	1389, 3142, 3144, 3145, 3149

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
pinidine	$C_9H_{17}N$	2628
α-pipecoline	$C_6H_{13}N$	2628
piperidine	$C_5H_{11}N$	52, 836, 2643, 3383, 3600
piperine	$C_{17}H_{19}NO_3$	52, 2633, 2634, 2635, 2636, 2637, 2639, 2640, 2643, 2645
piperovatine	$C_{18}H_{21}NO_2$	2643, 2646
piptamine		1945, 1946
piptanthine	$C_{14}H_{24}N_2$	1945, 1946
pithecolobine	$C_{23}H_{48}N_4O_2$	1950, 1957, 1958, 1961
plantagonine	$C_{10}H_{11}NO_2$	2657, 2658
platiphylline	$C_{17}H_{25}NO_5$	955, 967, 993, 995, 1021, 1042
pleurospermine	$C_{14}H_{19}NO_3$	1474
pluviine	$C_{17}H_{21}NO_3$	148, 150, 151, 152, 155A
poeticine	$C_{20}H_{23}NO_6$	155
pogonopamine		2957
pogonopeine		2957
pogonopidine		2957
pogonopine		2957
pontaconitine		2717
poroidine	$C_{12}H_{21}NO_2$	3305
porphyrine	$C_{21}H_{25}N_3O_2$	238, 242
porphyrosine		238
porphyroxine	$C_{19}H_{23}NO_4$	2589
powelline	$C_{17}H_{19}NO_4$	83, 100, 102
prangosine	$C_{15}H_{15}NO_3$	3611
precurarine		2203
premavacurine I		2203
premavacurine II		2203
premavacurine III		2203
premnine	$C_{14}H_{15}NO$	3635
protocevine	$C_{27}H_{43}NO_8$	2114
protoemetine	$C_{19}H_{27}NO_3$	2965
protopine (argemonine)	$C_{20}H_{19}NO_5$	587, 2504, 2507, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2542A, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2571, 2572, 2574, 2584, 2586, 2587, 2589, 2589A, 2590, 2591, 2593, 2594, 2595, 2596, 3671
protostemonine	$C_{20}H_{29}NO_5$	3519, 3521
protostephanine	$C_{21}H_{25}NO_4$	2355
protoveratridine	$C_{32}H_{51}NO_9$	2125, 2135, 2143
protoveratrine	$C_{39}H_{51}NO_{13}$	2125, 2131
protoveratrine A	$C_{41}H_{63}NO_{14}$	2125, 2135, 2143
protoveratrine B (veratetrine)	$C_{41}H_{63}NO_{13}$	2125, 2135, 2143
prurienidine		1914

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
prurienine	$C_6H_{12}N_2O_2$	1914
prurieninine	$C_6H_{10}N_2O_2$	1914
psilocauline		960
psilocine		39, 41, 42, 45
psilocybine	$C_{13}H_{18-20}N_2O_3P_2$	39, 40, 41, 42, 43, 45
psilospermine	$C_{21}H_{23}N_3O_3$	2199
psychotrine	$C_{28}H_{38}N_2O_4$	2834, 2840, 2841, 2842, 2901, 2912, 2963, 2965, 2979, 2994
pubescine	$C_{20}H_{26}N_2O_4$	436, 437
pukateine	$C_{13}H_{17}NO_3$	1488, 2380
punarnavine	$C_{17}H_{27}N_3O$	56, 2430
punikathine	$C_{19}H_{23}NO_3$	123
pusilline	$C_{15}H_{36}N_2$	1864, 1884, 1894, 1895
pycnamine	$C_{40}H_{46}N_2O_4$	2345
pycnarrhenamine	$C_{35}H_{40}N_2O_6$	2345
pycnarrhenine	$C_{36}H_{42}N_2O_9$	2345
pycnarrhine	$C_{16}H_{19}NO_3$	2345
pyridine	C_5H_5N	862
pyroclavine	$C_{15}H_{14}N_2$	1389
pyrrolidine	C_4H_9N	3383, 3601
quebrachamine (kamassine)	$C_{19}H_{28}N_2$	259, 264, 266, 267, 300, 412
quebrachine (yohimbine)	$C_{21}H_{26}N_2O_3$	2894
quinamine	$C_{19}H_{24}N_2O_2$	2844, 2851, 2852, 2857, 2861, 2864, 2870, 2873, 2981
quinicine	$C_{20}H_{24}N_2O_2$	2857
quinidine	$C_{20}H_{24}N_2O_2$	2198, 2843, 2844, 2845, 2847, 2848, 2853, 2857, 2858, 2860, 2861, 2864, 2865, 2867, 2871, 2873, 2895, 2980, 2981
quinine	$C_{20}H_{24}N_2O_2$	2198, 2844, 2845, 2846, 2847, 2848, 2849, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2867, 2868, 2869, 2871, 2872, 2873, 2874, 2895, 2919, 2980, 2981, 2982, 3262
h-quinine	$C_{20}H_{24}N_2O_2$	2857
quirandine		268
raubasinine (alkaloid A ex *Rauvolfia serpentina*.)	$C_{22}H_{26}N_2O_4$	401
raugustine	$C_{32}H_{36}N_2O_9$	378
rauhimbine (corynanthine)	$C_{21}H_{26}N_2O_3$	401
raujemidine	$C_{33}H_{40}N_2O_9$	366
raumitorine	$C_{21}H_{24}N_2O_4$	408
raunescine	$C_{31}H_{34}N_2O_8$	366, 378
raupine	$C_{20}H_{24}N_2O_3$	366, 401
rauvomitine	$C_{20}H_{24}N_2O_5$	408
rauwolfine	$C_{20}H_{24}N_2O_3$	364, 386
rauwolfinine	$C_{19}H_{22}N_2O_2$	401
rauwolscine (corynanthidine)	$C_{21}H_{26}N_2O_3$	238, 366, 374, 401, 403
raddeamine	$C_{23}H_{37}NO_2$	2081
raddeanine	$C_{24}H_{39}NO_3$	2081
ratanine	$C_{10}H_{13}NO_2$	1401
recanescine (canescine)	$C_{32}H_{38}N_2O_8$	366
renardine	$C_{19}H_{25}NO_3$	955, 1024
renoxydine (reserpoxidine)	$C_{33}H_{40}N_2O_{10}$	378
repandine	$C_{38}H_{42}N_2O_6$	2374

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
repandinine	$C_{38}H_{40}N_2O_7$	2372, 2374
repanduline	$C_{40}H_{44}N_2O_8$	2372, 2374, 2375
rescinnamine	$C_{35}H_{42}N_2O_9$	361, 364, 367, 375, 376, 377A, 378, 384, 387, 388, 390, 394, 401, 402, 403, 404, 408, 427
reserpiline	$C_{23}H_{28}N_2O_5$	360A, 362, 363A, 366, 367, 369, 374, 375, 376, 377A, 378, 383, 384, 387, 389, 390, 393, 394, 396, 398, 401, 402, 403, 404, 405, 408
reserpine	$C_{33}H_{40}N_2O_9$	238, 360A, 361, 362, 363A, 364, 365, 366, 367, 368, 369, 371, 373, 374, 375, 376, 377A, 378, 379, 380, 381, 383, 384, 385, 386, 387, 388, 389, 390, 391, 393, 394, 396, 397, 398, 399, 401, 402, 403, 404, 405, 407, 408, 427, 429, 438
ψ-reserpine	$C_{32}H_{38}N_2O_9$	366, 378
reserpine N-oxide (renoxydine)	$C_{33}H_{40}N_2O_{10}$	378
reserpinine (alkaloid A ex *Rauvolfia serpentina*).	$C_{22}H_{26}N_2O_4$	360A, 366, 375, 377A, 401, 405, 432, 435
reserpoxidine (renoxydine)	$C_{33}H_{40}N_2O_{10}$	366, 401, 408
retamine	$C_{15}H_{26}N_2O$	1808, 1823, 1826, 1979, 1980, 1981
retronecine N-oxide		1680
retrorsine (β-longilobine)	$C_{18}H_{25}NO_6$	924, 968, 976, 990, 991, 996, 998, 1005, 1017, 1023, 1025, 1028, 1031, 1039, 1042
retrorsine N-oxide	$C_{18}H_{25}NO_7$	924
retuline	$C_{21}H_{26}N_2O_2$	2181
retusamine	$C_{19}H_{25}NO_7$	1680
retusamine N-oxide	$C_{19}H_{25}NO_8$	1680
retusine	$C_{18}H_{25}NO_5$	1680
rhabdadenine		410A
rhoeadine	$C_{21}H_{21}NO_6$	2582, 2587, 2589
rhoeagenine	$C_{20}H_{19}NO_6$	2587
rhombifoline	$C_{15}H_{20}N_2O_2$	2025
rhombinine	$C_{15}H_{22}N_2O_2$	1869, 1883, 2025
rhynchophylline (mitrinermine)	$C_{23}H_{28}N_2O_4$	2826, 2925, 2926, 2927, 2928, 2929, 2930, 2932, 2933, 2943, 2945, 2947
ricinine	$C_8H_8N_2O_2$	1212, 1259, 1260
riddelliine	$C_{18}H_{23}NO_6$	983, 984, 1008, 1016, 1026, 1673
robecine	$C_{17}H_{21}NO_3$	151
rodiasine	$C_{18}H_{42}N_2O_6$	1510
roemeridine	$C_{31}H_{39}N_3O_5$	2586, 2591
roemerine	$C_{18}H_{17}NO_2$	1462, 1477, 1505, 2592
rosmarinecine	$C_8H_{15}NO_2$	995
rosmarinine	$C_{18}H_{27}NO_6$	974, 995, 1018, 1027, 1031
rotundifoline	$C_{22}H_{26}N_2O_5$	2925, 2926, 2927, 2928, 2930, 2932, 2933, 2943, 2947

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table
rotundine	$C_{17}H_{21}NO_3$	2356
royline	$C_{21}H_{35-37}NO_6$	940
rubijervine	$C_{27}H_{43}NO_2$	2125, 2127, 2132, 2135
rubiverine	$C_{25}H_{39}NO_2$	2125
rubrocurarine I		2203
rubrocurarine II		2203
rubrocurarine III		2203
rubrocurarine IV		2203
rutaecarpine	$C_{18}H_{13}N_3O$	3058, 3105
ruwenine	$C_{18}H_{27}H_6$	1029
ruzorine	$C_{18}H_{27}NO_8$	1028
ryanodine	$C_{25}H_{35}NO_9$	1272
sabadine	$C_{29}H_{51}NO_8$	2114
sabatine	$C_{29}H_{44-49}NO_8$	2114
sabine	$C_{27}H_{45-47}NO_7$	2114
salicifoline	$C_{12}H_{19}NO_2$	2242, 2245, 2246, 2247, 2250, 2251
salicilobine		733
salsamine		839
salsolidine	$C_{12}H_{17}NO_2$	838, 839, 839A, 839B, 1820
salsoline	$C_{11}H_{15}NO_2$	838, 839, 839A, 839B
sambucine		769
sandwicencine	$C_{19}H_{22}N_2O$	396
sandwicine	$C_{20}H_{26}N_2O_2$	382, 396
sangoline		2367
sanguinarine	$C_{20}H_{13}NO_4$	1159, 2507, 2510, 2511, 2513, 2553, 2555, 2556, 2564, 2565, 2566, 2567, 2572A, 2574, 2593, 2595, 2596, 3213
sankhpuspine	$C_{17}H_{23}NO_3$	1074
sanshoamide	$C_{16}H_{25}NO_2$	3173
santiaguine	$C_{19}H_{24}N_2O$	1587, 1588, 1590, 1591, 1593, 1594, 1595, 1720
sapinine		1261
sarothamnine	$C_{15}H_{24}N_2$	1702, 1713, 1985
sarpagine	$C_{19}H_{22}N_2O_2$	363, 369, 374, 375, 378, 383, 391, 401, 408, 431
sarracine	$C_{18}H_{27}NO_5$	1030
sarracine N-oxide	$C_{18}H_{27}NO_6$	1030
sauroxine	$C_{17}H_{26}N_2O$	2233
saururine	$C_{10}H_{19}N$	2233
saussurine		964, 965
sceleratine	$C_{18}H_{27}NO_7$	1031
scopolamine (hyoscine)	$C_{17}H_{21}NO_4$	3271, 3289, 3290, 3291, 3293, 3294, 3295, 3296 3297, 3300, 3301, 3302, 3305, 3328, 3329, 3410, 3414, 3416, 3417
scoulerine (aurotensine)	$C_{19}H_{21}NO_4$	2517, 2527, 2528, 2533, 2534, 2535, 2537, 2541, 2560, 2566, 2568
securinine	$C_{13}H_{15}NO_2$	1263
sedamine	$C_{14}H_{21}NO$	1103, 1105
sedinine	$C_{17}H_{25}NO_2$	1103
sedinone	$C_{16}H_{23}NO_2$	1103
sedridine	$C_8H_{17}NO$	1103
sekisanine	$C_{16}H_{19}NO_4$	148
sekisanoline	$C_{18}H_{23}NO_5$	148

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table I
ψ-selagine	$C_{16}H_{25}NO_2$	2234
semperflorine	$C_{21}H_{26}N_2O$	400
sempervirine	$C_{19}H_{16}N_2$	2152, 2153, 2156
senecifolidine	$C_{18}H_{25}NO_7$	1005, 1042
senecifoline	$C_{18}H_{27}NO_8$	972, 1005, 1042, 3215
senecine	----------	972, 999, 1042
senecionine	$C_{18}H_{25}NO_5$	923, 924, 955, 968, 969, 972, 975, 978, 979, 981, 983, 984, 985, 987, 989, 996, 997, 999, 1008, 1015A, 1022, 1023, 1033, 1038, 1041, 1042, 1673
senecionine N-oxide	$C_{18}H_{25}NO_6$	924
seneciphylline (jacodine)	$C_{18}H_{23}NO_6$	923, 924, 968, 975, 987, 993, 996, 999, 1021, 1023, 1024, 1032, 1034, 1042, 1673
seneciphylline N-oxide	$C_{18}H_{23}NO_6$	924
senkirkine	$C_{18}H_{25}NO_6$	1002
sepeerine	$C_{37}H_{40}N_2O_7$	1504, 1510, 2312
septentrionaline	$C_{33}H_{46}N_2O_9$	2722
seredine (methyl reserpate)	$C_{23}H_{30}N_2O_5$	408
serotonin (5-hydroxytryptamine)	$C_{10}H_{12}N_2O$	1914
serpentidine	$C_{21}H_{22}N_2O_3$	383
serpentine	$C_{21}H_{22}N_2O_3$	363, 366, 372, 374, 378, 383, 399, 401, 403, 438
serpentinine	$C_{20}H_{20}N_2O_5$	370, 378, 382, 396, 401, 405
serpine (yohimbine, rauwolscine)	$C_{21}H_{26}N_2O_3$	366, 374, 401
serpinine	$C_{20}H_{24}N_2O$	401, 435
setoclavine (triseclavine)	$C_{16}H_{18}N_2O$	1389
Shimoburo-base I	$C_{21-22}H_{29-31}NO_3$	2736
Shimoburo-base II	$C_{23-24}H_{35-37}NO_7$	2701, 2736
Shiriya base I	$C_{23}H_{37-39}NO_6$	2736
shobakunine	----------	533, 556, 582, 2301
sigmine	----------	3260
silvasenecine	$C_{12}H_{21}NO_4$ ($C_{12}H_{21}NO_3$)	1035, 1042
sinactine	$C_{20}H_{21}NO_4$	2347, 2560
sinapine	$C_{16}H_{25}NO_5$	1108, 1123
sinine	----------	2447, 2448
sinomenine	$C_{19}H_{23}NO_4$	2337, 2339, 2347, 2348
sinostemonine	$C_{21}H_{35}NO_5$	3523
sipeimine (imperialine)	$C_{27}H_{43}NO_3$	2084
siphocampiline	----------	741
skimmianine (pentaphylline)	$C_{14}H_{13}NO_4$	3003, 3014, 3033, 3034, 3034A, 3043, 3062, 3063, 3065, 3067, 3068, 3072, 3075, 3077, 3091, 3096, 3098, 3099, 3100, 3105, 3112, 3126, 3130, 3152, 3153, 3154, 3157A
smirnovine	$C_{12}H_{24}N_4O$	1736, 1737, 1989
smirnovinine	$C_{12}H_{21}N_4O$	1736, 1989
soladulcidine	$C_{27}H_{43}NO_3$	3447
solamargine	$C_{45}H_{73}NO_{15}$	3446, 3454, 3474, 3478
solandrine (norhyoscyamine)	$C_{16}H_{21}NO_3$	3399
solangustidine	$C_{27}H_{43}NO_2$	3423
solangustine	$C_{33}H_{53}NO_7$	3490

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
solanidine	$C_{27}H_{43}NO$	3278, 3318, 3404, 3411, 3414, 3419, 3420, 3422, 3424, 3425, 3427, 3429, 3430, 3431, 3432, 3434, 3435, 3436, 3436A, 3437, 3438, 3441, 3442, 3445, 3447, 3451, 3452, 3453, 3455, 3458, 3459, 3461, 3462, 3464, 3465, 3467, 3469, 3470, 3472, 3473, 3475, 3476, 3478, 3482, 3483, 3484, 3487, 3489, 3494, 3497, 3499, 3502, 3504, 3507, 3509, 3511, 3512, 3512A
solanidine-*t*	$C_{27}H_{43}NO$	3509
solanocapsidine	$C_{35}H_{42}N_2O_4$	3489
solanocapsine	$C_{27}H_{45}N_2O_2$	3489
solasodine	$C_{27}H_{43}NO_2$	3426, 3427, 3463, 3468, 3471, 3478, 3479, 3481, 3502, 3508, 3513
solauricidine	$C_{27}H_{43}NO_2$	3426
solenthine		634
solimocurarine		2203
solimoesine I		2203
solimoesine II		2203
solimoesine III		2203
somniferine		3517
somniferinine		3517
somnine		3517
songorine	$C_{21}H_{29}NO_3$	2724
sonpeimine	$C_{27}H_{43}NO_4$	2087
sophocarpidine		1997
sophocarpine	$C_{15}H_{24}N_2O$	1606, 1990, 1991, 1997, 2000
sophochrysine	$C_{13-15}H_{21-29}N_3O_2$	1992, 1993, 1999, 2004
sophoramine	$C_{15}H_{20}N_2O$	1990, 2000
sophoridine	$C_{15}H_{26}N_2O$	1990
spartalupine (*β*-isoparteine)	$C_{15}H_{26}N_2$	1895
sparteine	$C_{15}H_{26}N_2$	1586, 1588, 1589, 1592, 1604, 1606, 1608, 1624, 1629, 1630, 1632, 1690, 1692, 1694, 1695, 1696, 1698, 1700, 1701, 1702, 1705, 1707, 1709, 1710, 1711, 1712, 1713, 1717, 1718, 1719, 1808, 1809, 1810, 1815, 1816, 1819, 1820, 1822, 1823, 1826, 1836, 1841, 1863, 1866, 1867, 1869, 1880, 1882, 1886, 1887, 1894, 1895, 1898, 1900, 1946, 1980, 1981, 1984, 1985, 1997, 2000, 2007, 2008, 2024, 2383, 2513, 2712
spartioidine	$C_{15}H_{22}NO_5$	1032
spathulatine	$C_{32}H_{44}N_4O_8$	1864, 1884, 1895, 1896
speciosine	$C_{28}H_{31}NO_6$	2069

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
spectabiline	$C_{16}H_{25}NO_7$	1683
spegazzinine	$C_{21-23}H_{29-30}N_2O_3$	259
spermatheridine	$C_{17}H_{11}NO_3$	2369
spermatherine		2369
spermostrychnine	$C_{21}H_{26}N_2O_2$	2199
sphaeranthine	$C_{13}H_{19}NO_5$	1047
sphaerocarpine (isoammodendrine).	$C_{12}H_{20}N_2O$	1979, 1981
sphaerophysine	$C_{10}H_{22}N_4$	1737, 1989, 2010
spigeline		2158, 2159, 2160
spilanthine		1049
sporine		1389
sprintillamine	$C_{28}H_{45}NO_4$	2779, 2780
sprintilline	$C_{26}H_{41}NO_3$	2779, 2780
squalidine	$C_{18}H_{25}NO_5$	1033
stachydrine	$C_7H_{13}NO_2$	755, 900, 901, 1351, 1405, 1407, 1411, 1429, 1430, 1431, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1902, 2403, 3035, 3039
staphisagroine	$C_{40}H_{48}N_2O_7$	2775
staphisine	$C_{22}H_{31}NO$	2775
stemmadenine	$C_{21}H_{26}N_2O_3$	412
stemonidine	$C_{19}H_{31}NO_6$	3519, 3520
stemonine	$C_{17}H_{23}NO_4$	3519, 3520, 3521, 3522
stephanine	$C_{35}H_{39}N_2O_6$	2350, 2355
stephanoline	$C_{31}H_{42}N_2O_7$	2355
steponine	$C_{20}H_{23}NO_4$	2355
sternidine		174
sternine	$C_{18}H_{21}NO_3$	174
stillingine		1264
stizolophine	$C_{15}H_{23}NO_5$	1049A
struxine	$C_{21}H_{30}N_2O_4$	2193
strychnicine		2193, 2199
strychnine	$C_{21}H_{22}N_2O_2$	2167, 2169, 2177, 2182, 2183, 2187, 2188, 2193, 2199, 2200, 2205
ψ-strychnine	$C_{21}H_{22}N_2O_3$	2193
strychnolethaline	$C_{22}H_{27}NO_4$	2186
strychnospermine	$C_{22}H_{28}N_2O_3$	2199
stylopine (diphylline)	$C_{19}H_{17}NO_4$	2513, 2519, 2520, 2521, 2526, 2529, 2534, 2538, 2539, 2540, 2543, 2555, 2595
suaveoline	$C_{17}H_{23}NO_4$	207
subaphylline	$C_{14}H_{20}N_2O_3$	840
suisenine	$C_{17}H_{19}NO_5$	148
supinidine		624
supinine	$C_{15}H_{25}NO_4$	620, 624, 638, 808
sweetine		2014
synaine	$C_{24}H_{39}NO$	2125
tabernaemontanine	$C_{20}H_{24}N_2O_3$	417, 422
tabernanthine	$C_{21}H_{26}N_2O$	310, 412, 425
tabersonine	$C_{20}H_{24}N_2O_2$	256
taceridine		3129, 3176
Takawo base I	$C_{23}H_{27}N_3O_7$	2701
Takawo base II		2701
Takao-base I	$C_{23}H_{37}NO_7$	2736

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
talatisamine	$C_{24}H_{39}NO_5$	2713, 2728
talatisidine	$C_{23}H_{37}NO_5$	2728
talatisine	$C_{20}H_{29}NO_3$	2728
talaumine	----------	2253
tanghinine	----------	425A
taxine	$C_{37}H_{51}NO_{10}$	3566, 3569
taxine A	$C_{35}H_{49}NO_{10}$	3566
taxine B	$C_{33}H_{45}NO_9$	3566
taxine-I	$C_{35}H_{44}NO_9$	3566
taxinine	$C_{37}H_{57}N_3O_{10}$	3567
tazettine	$C_{18}H_{21}NO_5$	84, 108, 115, 116, 118, 119, 133, 136, 137, 138, 139, 140, 141, 142, 148, 150, 151, 153, 156, 158, 161, 166, 167, 171, 173, 176, 177, 181, 184, 185
teidine (adenocarpine)	$C_{19}H_{24}N_2O$	1585, 1595
temulentine	----------	1349
temuline	$C_7H_{12}N_2O$	1349
tenuipine	$C_{38}H_{40}N_2O_7$	2372, 2375
tetrahydroalstonine	$C_{21}H_{24}N_2O_3$	238, 323, 399, 438
tetrahydroberberine (canadine)	$C_{20}H_{21}NO_4$	2519
tetrahydrocoptisine (diphylline).	$C_{19}H_{17}NO_4$	2513, 2514, 2539, 2541, 2560
tetrahydroharman	$C_{12}H_{14}N_2$	1935, 2920
tetrahydroharmine (leptaflorine)	$C_{13}H_{14}N_2O$	2254
tetrahydroharmol	$C_{12}H_{14}N_2O$	1163
tetrahydropalmatine (caseanine)	$C_{21}H_{25}NO_4$	2514, 2515, 2517, 2523, 2526, 2527, 2528, 2529, 2531, 2533, 2534, 2538, 2541
tetrahydroshobakunine	$C_{20}H_{23}NO_4$	556
tetralupine	$C_{19}H_{19}NO$	1889
tetramethylholarrhimine	----------	303
tetrandrine	$C_{38}H_{42}N_2O_6$	2244, 2313, 2315, 2321, 2339, 2351, 2358
tetraphyllicine	$C_{20}H_{26}N_2$	370, 382, 396, 399, 405
tetraphylline	$C_{22}H_{26}N_2O_4$	370, 396, 405
thalicmidine	$C_{20}H_{25}NO_4$	2804
thalicmine	$C_{21}H_{25}NO_5$	2804
thalictricavine	$C_{21}H_{23}NO_4$	2541
thalictrifoline	$C_{21}H_{23}NO_3$	2540
thalictrine	$C_{20}H_{27}NO_4$	2801, 2803
thalictrinine	$C_{38}H_{46}N_2O_7$	2805
thalmidine	$C_{21}H_{25}NO_4$	2804
thalmine	$C_{20}H_{23}NO_3$	2804
thaspine	$C_{20}H_{19}NO_3$	569
thebaine	$C_{19}H_{21}NO_3$	401, 2190, 2578, 2584, 2585, 2587, 2589
theobromine	$C_7H_8N_4O_2$	452, 2879, 2884, 2885, 2887, 2888, 2889, 3208, 3526, 3529, 3550, 3551, 3552, 3553, 3554, 3555, 3556, 3557, 3575
theophylline	$C_7H_8N_4O_2$	452, 3208, 3575
thermopsine (hexalupine)	$C_{15}H_{20}N_2O$	1869, 2024, 2025
thesine	----------	3188
tienmulilimine	$C_{27}H_{43}NO$	2136
tienmulilminine	$C_{31}H_{51}NO_3$	2136

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
tigloidine (3,6-ditigloyloxytropane).	$C_{13}H_{21}NO_2$	3292, 3294, 3304, 3305
3-tigloyloxytropane	$C_{13}H_{21}NO_2$	3292
tiliacorine	$C_{37}H_{38}N_2O_6$	2360, 2361
timbonine		3208
toddaline (chelerythrine)	$C_{21}H_{17}NO_4$	3156
toddalinine	$C_{19}H_{13}NO_4$	3156
tomatidine	$C_{27}H_{45}NO_2$	3317, 3318, 3319, 3320, 3321, 3322, 3323, 3324, 3325, 3326, 3327, 3486, 3488
tomentocurine		2309
tomentosine	$C_{19}H_{27}NO_7$	1038
tongine		464
tournefortine	$C_{13}H_{21}NO_3$	639
toxiferine I	$C_{20}H_{22}N_2O$	2174, 2203, 2206, 2208, 2212
toxiferine II	$C_{20}H_{20}N_2O_3$	2208, 2212
toxiferine III	$C_{20}H_{27}N_2O$	2208
toxiferine IV	$C_{21}H_{27}N_2O_4$	2208
toxiferine V	$C_{21}H_{27}N_2O_3$	2208
toxiferine VI	$C_{21}H_{25}N_2O_5$	2208
toxiferine VII	$C_{40}H_{44}N_4O$	2208
toxiferine VIII	$C_{22}H_{25}N_2O_3$	2208
toxiferine IX	$C_{23}H_{27}N_2O_3$	2208
toxifrine X	$C_{19}H_{23}N_2$	2208
toxiferine XI	$C_{21}H_{27}N_2O$	2208
toxiferine XII	$C_{39}H_{46}N_4O$	2208
C-toxiferine I	$C_{20}H_{22}N_2O$	3667
C-toxiferine II (C-calebassine II).	$C_{20}H_{25}N_2O$	3667
toxiferine H		2209
toxiferine K		2209
trachelantamine	$C_{15}H_{27}NO_4$	633, 641
trachelantine	$C_{15}H_{25}NO_3$	633, 641
tremidine		3593
tremine		3593
triacanthine	$C_8H_{10}N_4$	1831
triacetonamine	$C_9H_{17}NO$	1193
trianthemine	$C_{32}H_{36}N_2O_6$	55
tricachnine		1359
trichodesmine	$C_{18}H_{27}NO_6$	618, 642, 1673
trichodesmine N-oxide	$C_{18}H_{27}NO_7$	642
tricliseine	$C_{33}H_{40}NO_7$	2368
triclisine	$C_{16}H_{31}NO_{10}$	2368
tricocereine	$C_{13}H_{21}NO_3$	708
trigonelline	$C_7H_7NO_2$	414, 415, 416, 772, 905, 966, 1143, 1336, 1351, 1356, 1442, 1444, 1583, 1621, 1832, 1902, 1949, 2027, 2028, 2029, 2030, 2031, 2032, 2390, 2398, 2434, 2673A, 2878, 2884, 3043, 3473, 3509
trilobamine	$C_{38}H_{38}N_2O_6$	2321
trilobine	$C_{36}H_{36}N_2O_6$	2316, 2320, 2321
trilupine	$C_{15}H_{24}N_2O_2$	1867, 1880
1,2,3-trimethoxy-10-methylacridone.		3050
trimethylconkurchine	$C_{24}H_{38}N_2$	303
1,2,6-trimethylpiperidine	$C_8H_{17}N$	834, 835

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
triosteine		773
tripterigine		807
triseclavine (setoclavine)	$C_{16}H_{18}N_2O$	1389
tropacocaine	$C_{15}H_{19}NO_2$	1183, 1191
tropine	$C_8H_{15}NO$	3292, 3294
ψ-tropine		3292, 3294
tropylnortropeine (norhyoscyamine).	$C_{15}H_{21}NO_3$	3399
α- and β-truxilline	$C_{33}H_{46}N_2O_8$	1183, 1191
tryptamine	$C_{10}H_{12}N_2$	1518, 1525, 1529, 1543, 1553, 1560, 1564, 1580
tuberostemonine	$C_{22}H_{32}NO_4$	3522
tubocurarine	$C_{38}H_{39}N_2O_6$	2309
tuduranine	$C_{18}H_{19}NO_3$	2337, 2347
tulipiferine		2242
tulipine		2121
turicine	$C_7H_{13}NO_3$	1437, 1442
turnefortine	$C_{13}H_{21}NO_3$	639
tylophorine	$C_{24}H_{27}NO_4$	521, 522, 525, 527
tylophorinine	$C_{23}H_{27}NO_4$	521, 527
tyramine	$C_8H_{11}NO$	29, 1045, 1110, 1294, 1389, 1713, 2217, 2218, 2219, 2220
uleine	$C_{18}H_{22}N_2$	262A, 270
umbellatine (berberine)	$C_{21}H_{21}NO_8$	547, 552, 553, 558, 560, 2748
uncarine A (formosanine)	$C_{21}H_{24}N_2O_4$	2946, 2995, 2996
uncarine B (formosanine)	$C_{21}H_{24}N_2O_4$	2995
undulatine (distichine)	$C_{18}H_{21}NO_5$	74, 105, 160, 163, 168
ungeridine	$C_{20}H_{25}NO_4$	177, 178
ungerine	$C_{19}H_{23}NO_5$	177
unn	$C_{10}H_{12}N_4O_3$	3
unn	$C_{17}H_{19}NO_4$	78
unn	$C_{19}H_{24}N_2O_2$	255
unn	$C_{23}H_{38}N_2$	303
unn	$C_{23}H_{24}N_2$	303
unn	$C_{18}H_{16}N_2O$	341
unn	$C_{14}H_{16}N_2$	366
unn	$C_{28}H_{30}N_2O_5$	391
unn	$C_{23}H_{28}N_2O_3$	391
unn	$C_{24}H_{34}N_2O_7$	391
unn. I (resperpinine)	$C_{21}H_{24}N_2O_3$	401
unn. II (ajmalicine)	$C_{21}H_{24}N_2O_3$	401
unn	$C_{21}H_{26}N_2O_3$	401
unn	$C_{21}H_{22}N_2O_3$	408
unn	$C_{19}H_{22}N_2O$	559
unn	$C_{22}H_{36}N_2O$	653A, 653B
unn	$C_{19}H_{23}N_2O_3$	727
unn	$C_{14}H_{21}NO$	727
unn	$C_{14}H_{21}NO$	727
unn	$C_9H_{19}NO$	727
unn	$C_{39}H_{37}NO_{12}$	799
unn	$C_{31}H_{39}NO_{14}$	799
unn	$C_{27}H_{35}NO_{12}$	799
unn	$C_{18}H_{25}NO_5$	975
unn	$C_{18}H_{27}NO_5$	982
unn	$C_9H_{15}NO_2$	988
unn	$C_{18}H_{27}NO_6$	995
unn	$C_{13}H_{21}NO_5$	1030
unn	$C_8H_{12}NO$	1030
unn	$C_{13}H_{21}NO_2$	1147

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
unn	$C_{22}H_{36}N_2O$	1262
unn	$C_{10}H_{12-13}NO_2$	1280, 1283, 1289, 1386
unn	$C_{20}H_{23}NO_2$	1462
unn	$C_{20}H_{23}NO_4$	1464
unn	$C_{19}H_{19}NO_4$	1464
unn	$C_{14}H_{19}NO_3$	1474
unn	$C_{36}H_{38}N_2O_6$	1510
unn	$C_{14}H_{19}NO_3$	1651
unn	$C_{12}H_{18}N_2O_2$	1667
unn	$C_{13}H_{23}N_3O$	1702
unn	$C_{15}H_{24}N_2O_2$	1880
unn	$C_{15}H_{20}N_2O_2$	1885
unn	$C_{15}H_{24}N_2O$	1890
unn	$C_{15}H_{22}N_2O_2$	1926
unn	$C_{15}H_{20}N_2O_5$	2033
unn	$C_{27}H_{45}NO_3$	2087
unn	$C_{27}H_{39}NO_3$	2125
unn	$C_{25}H_{39}NO_3$	2125
unn	$C_{27}H_{43}NO_7$	2125
unn	$C_{29}H_{47}NO_7$	2135
unn	$C_{27}H_{43}NO_7$	2137
unn	$C_{20}H_{24}N_2O_4$	2153
unn	$C_{20}H_{21-24}N_2O_3$	2153
unn	$C_{21}H_{24}N_2O_3$	2153
unn	$C_{23}H_{28}N_2O_5$	2179
unn	$C_{24}H_{30}N_2O_5$	2179
unn	$C_{23}H_{28}N_2O_4$	2211
unn	$C_{10}H_{19}NO$	2222
unn	$C_{16}H_{25}NO$	2222
unn	$C_{16}H_{21}NO_3$	2222
unn	$C_{17}H_{25}NO_2$	2222
unn	$C_{17}H_{25}NO_3$	2222
unn	$C_{18}H_{25}NO_3$	2222
unn	$C_{18}H_{25}NO_4$	2222
unn	$C_{12}H_{20}NO_2$	2243
unn	$C_{22}H_{28}N_2O_4$	2327
unn	$C_{16}H_{19}NO_3$	2352
unn	$C_{35}H_{38}N_2O_7$	2357
unn	$C_{38}H_{40}N_2O_7$	2357
unn	$C_{20}H_{17}NO_4$	2509
unn	$C_{20}H_{15}NO_4$	2509
unn	$C_{31}H_{33}NO_6$	2509
unn	$C_{21}H_{19}NO_5$	2509
unn	$C_{19}H_{24}N_2O$	2513
unn	$C_{20}H_{17}NO_4$	2514
unn	$C_{21}H_{18}N_2O_6$	2519
unn	C_6H_9NO	2534
unn	$C_{18}H_{23}NO_5$	2536
unn	$C_{21}H_{23}NO_7$	2541
unn	$C_{21}H_{21}NO_8$	2541
unn	$C_{21}H_{23}NO_6$	2541
unn	$C_{21}H_{19}NO_5$	2556
unn	$C_{19}H_{19}NO_5$	2587
unn	C_7H_9NO	2681
unn	$C_9H_{17}NO_2$	2681
unn	$C_{10}H_{19}NO_2$	2681
unn	$C_{30}H_{47}NO_7$	2693
unn	$C_{27}H_{31}NO_8$	2718
unn	$C_{26}H_{34}N_2O_2$	2718
unn	$C_{20}H_{27}NO_2$	2736
unn	$C_{33}H_{41}NO_8$	2760

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
unn	$C_{20}H_{29}NO_5$	2775
unn	$C_{23}H_{26}N_2O_4$	2811
unn	$C_{23}H_{25}NO_6$	2815
unn	$C_{19}H_{27}NO_3$	2842
unn	$C_{19}H_{21}NO_5$	3034A
unn	$C_9H_{17}NO$	3066A
unn	$C_{20}H_{19}NO_4$	3066A
unn	$C_{23}H_{25}NO_5$	3068
unn	$C_{19}H_{13}NO_2$	3085
unn	$C_{22}H_{19}N_3O_3$	3105
unn	$C_{14}H_8N_2O$	3129
unn	$C_{15}H_{20-22}NO_4$	3292
unn	$C_{27}H_{43}NO_2$	3481
unn	$C_{27}H_{33}NO_4$	3521
unn	$C_{27}N_{37}N_3$	3608
unn	$C_{19}H_{15}N$	3619
urceoline	$C_{19}H_{25}NO_5$	181
urmiine	$C_{19}H_{23}NO_5$	74A, 181
usaramoensine	$C_{18}H_{25}NO_5$	1686
ustilaginine		3618
ustilagotoxine		3618
valerine		3619
valeroidine	$C_{18}H_{23}NO_3$	3305
vallesine	$C_{21}H_{23}N_2O_2$	429, 430
vallotidine	$C_{18}H_{21}NO_5$	182
vallotine	$C_{17}H_{19}NO_5$	182
valtropine	$C_{13}H_{23}NO_2$	3304
vanilloylveracevine	$C_{35}H_{49}NO_{11}$	2114
vanilloylzygadenine	$C_{25}H_{49}NO_{10}$	2141, 2143
vasicine (peganine)	$C_{11}H_{12}N_2O$	2, 9, 3128, 3661
veatchine	$C_{22}H_{33}NO_2$	1098
vellosine	$C_{23}H_{28}N_2O_4$	299
veneficine		2335, 3161
veracevine	$C_{27}H_{43}NO_8$	2114
veragenine	$C_{31}H_{53-55}NO_{13}$	2136
veragermine	$C_{31}H_{53}NO_{13}$	2114
veralbidine	$C_{37}H_{61}NO_{12}$	2125
veratetrine (protoveratrine B)	$C_{41}H_{63}NO_{15}$	2125, 2135
veratramine	$C_{27}H_{39}NO_2$	2125, 2127, 2129, 2134, 2135
veratridine	$C_{36}H_{51}NO_{11}$	2114, 2125, 2135
veratrine		3236
veratrobasine	$C_{24}H_{37}NO_3$	2125
veratrosine	$C_{33}H_{49}NO_8$	2127, 2135
veratroylzygadenine	$C_{35}H_{51}NO_{10}$	2125, 2127, 2128, 2132, 2141, 2143
verine	$C_{25}H_{39}NO_2$	2125
verticilline	$C_{19}H_{33}NO_2$	2086
verticine	$C_{18}H_{33}NO_3$	2086
vicine	$C_{10}H_{16}N_4O_7$	2038
villalstonine	$C_{40}H_{50}N_4O_4$	240, 244, 247, 248
vinaline		1971, 1972
vincaine (ajmalicine)	$C_{21}H_{24}N_2O_3$	432
vincaleucoblastine		438
vincamajine	$C_{22}H_{26}N_2O_3$	427, 435
vincamajoreine	$C_{21}H_{26}N_2O_2$	435
vincamajoridine (akuammine)	$C_{22}H_{26}N_2O_4$	435
vincamedine	$C_{24}H_{28(29)}N_2O_4$	431
vincamine	$C_{21}H_{26}N_2O_3$	436, 438
vincaminorine	$C_{22}H_{30}N_2O_2$	436
vincanidine	$C_{20}H_{24}N_2O_3$	432

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
vincanine	$C_{19}H_{22}N_2O$	432
vincarosine		324
vinceine (ajmalicine)	$C_{21}H_{24}N_2O_3$	438
vindoline	$C_{25}H_{32}N_2O_6$	438
vindolinine	$C_{21}H_{24-26}N_2O_2$	438
vinine	$C_{19}H_{26}N_2O_4$	436, 437
virgilidine	$C_{10}H_{19}NO$	2040
virgiline	$C_{19}H_{26}N_2O_2$	2040
viridiflorine	$C_{15}H_{27}NO_4$	612
virosine		438
vittatine	$C_{16}H_{17}NO_3$	133, 137, 161, 170
voacafricine	$C_{22}H_{24-26}N_2O_4$	439
voacafrine	$C_{32}H_{28}N_2O_4$	439
voacamidine	$C_{45}H_{55}N_4O_6$	439
voacamine (voacanginine)	$C_{45}H_{56}N_4O_6$	412, 439, 442, 443
voacaminine		439
voacangarine	$C_{22}H_{28}N_2O_4$	439
voacangine	$C_{22}H_{28}N_2O_3$	412, 439, 440A, 442, 443
voacanginine (voacamine)	$C_{45}H_{56}N_4O_6$	439
voacorine	$C_{45-46}H_{54-55}N_4O_7$	439, 440
voacristine	$C_{45}H_{58}N_4O_8$	439
voacryptine	$C_{27}H_{28}N_2O_4$	439
vobasine	$C_{21}H_{24}N_2O_3$	439
vobtusine	$C_{42}H_{50}N_4O_7$	439, 440A, 442, 443
vomalidine	$C_{21}H_{22}N_2O_3$	408
vomicine	$C_{22}H_{24}N_2O_4$	2193
wilfodeine	$C_{43}H_{49}NO_{19}$	807
wilforgine	$C_{41}H_{47}NO_{19}$	807
wilforidine		807
wilforine	$C_{43}H_{49}NO_{18}$	807
wilfortrine	$C_{41}H_{47}NO_{20}$	807
wilforzine	$C_{41}H_{47}NO_{17}$	807
withananine		3517
withananinine		3517
withanine	$C_{44}H_{60}N_2O_{12}$	3517
ψ-withanine		3517
worenine	$C_{20}H_{19}NO_4$	2746
wuchuyine	$C_{13}H_{13}NO_2$	3058
xanthaline	$C_{20}H_{19}NO_5$	2589
α- and β-xantherine	$C_{24}H_{23}NO_6$	3165, 3169
xanthevodine	$C_{16}H_{13}NO_3$	3060
C-xanthocurine	$C_{20}H_{20}N_2O$	2212, 3667
xanthofagarine	$C_{18}H_{22}NO_8$	3064
xanthorhamnine		1220
xanthoxoline	$C_{15}H_{13}NO_4$	3060, 3167
xylopine		230
xylopinine		230
yatanine		3254
yemensine	$C_{19}H_{21}NO_5$	105
yohimbine (quebrachine)	$C_{21}H_{26}N_2O_3$	238, 264, 266, 267, 323, 366, 374, 378, 401, 403 408, 1197, 1198, 2891, 2893, 2950, 2951, 2952, 3230
α-yohimbine (corynanthidine)	$C_{21}H_{26}N_2O_3$	306, 378, 408, 2894
β-yohimbine (amsonine)	$C_{21}H_{26}N_2O_3$	255, 366, 2894, 2959
γ-yohimbine	$C_{21}H_{26}N_2O_3$	401, 2894
δ-yohimbine (ajmalicine)	$C_{21}H_{24}N_2O_3$	323, 363, 371, 372, 374, 383, 401, 403, 406, 438

Table 2.—*Alkaloids and the plants in which they occur*—Con.

Alkaloid	Formula	Plant entry No. in table 1
δ-yohimbine, 11 Me O	$C_{22}H_{28}N_2O_4$	401
ψ-yohimbine	$C_{21}H_{26}N_2O_3$	366, 405
yulocrotine	$C_{19}H_{26}N_2O_3$	1241, 1242, 1243
zapotidine	$C_7H_9N_3S$	3033
zeravschanidine	$C_{22}H_{25}NO$	2723
zeravschanine	$C_{23}H_{33}NO_5$	2723
zygacine	$C_{29}H_{45}NO_5$	2141, 2143
zygadenine	$C_{32}H_{53}NO_{10}$	2137, 2138, 2139, 2140, 2141, 2143
zygofabagine	$C_{12}H_{10}N_2$	3666

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