



Index to the "Contributions Toward a Flora of Panama" and to the "Flora of Panama" Through March 1965

Andre Robyns

Annals of the Missouri Botanical Garden, Vol. 52, No. 3, Robert E. Woodson, Jr.
Memorial Issue (Sep., 1965), 234-247.

Stable URL:

<http://links.jstor.org/sici?sici=0026-6493%28196509%2952%3A3%3C234%3AITT%22TA%3E2.0.CO%3B2-Q>

Annals of the Missouri Botanical Garden is currently published by Missouri Botanical Garden Press.

Your use of the JSTOR archive indicates your acceptance of JSTOR's Terms and Conditions of Use, available at <http://www.jstor.org/about/terms.html>. JSTOR's Terms and Conditions of Use provides, in part, that unless you have obtained prior permission, you may not download an entire issue of a journal or multiple copies of articles, and you may use content in the JSTOR archive only for your personal, non-commercial use.

Please contact the publisher regarding any further use of this work. Publisher contact information may be obtained at <http://www.jstor.org/journals/mobot.html>.

Each copy of any part of a JSTOR transmission must contain the same copyright notice that appears on the screen or printed page of such transmission.

JSTOR is an independent not-for-profit organization dedicated to creating and preserving a digital archive of scholarly journals. For more information regarding JSTOR, please contact support@jstor.org.

INDEX TO THE "CONTRIBUTIONS TOWARD A FLORA OF
PANAMA" AND TO THE "FLORA OF PANAMA"
THROUGH MARCH 1965

COMPILED BY ANDRÉ ROBYNS^{1, 2}

Missouri Botanical Garden and Department of Botany, Washington University,
St. Louis, Missouri

From 1937 to 1943, under the direction of Dr. Robert E. Woodson, Jr., seven *Contributions toward a Flora of Panama* were published in the ANNALS OF THE MISSOURI BOTANICAL GARDEN. The purpose of these *Contributions* was to "embody records of vascular plants previously described but hitherto not known to occur in Panama and the descriptions of novelties to science contributed, as far as possible, by specialists of the various plant families" (Ann. Missouri Bot. Gard. **24**: 176. 1937).

In 1943, the first fascicle of Part **2** of the *Flora of Panama* was published with Dr. Robert E. Woodson, Jr. as principal editor. The *Flora*, which is a compilation of the indigenous and naturalized vascular plants of the Republic of Panama, following generally the system of Engler & Prantl, is also published in the ANNALS OF THE MISSOURI BOTANICAL GARDEN. Up to the time of Dr. Woodson's death, and, since 1956, with the support of the National Science Foundation, Washington, D.C., 20 fascicles had been published:

- Part **2**, complete with 3 fascicles
- Part **3**, complete with 5 fascicles
- Part **4**, complete with 5 fascicles
- Part **5**, with 3 fascicles (incomplete)
- Part **7**, complete with 4 fascicles (lacking title page and index)

Each of the above Parts of the *Flora* has two paginations: the first by virtue of its being a part of the ANNALS, the second a superimposed continuous pagination. *References to the Flora should always be to the former*, i.e. to volume number and pagination of the ANNALS.

The second pagination noted above rested upon the fact that all material of each Part was published in systematic order. It is no longer feasible to obtain manuscripts in such systematic order, and two changes in editorial policy have accordingly been made:

1) Dual pagination has been discontinued. Part **5**, however, will be concluded in the earlier manner.

2) Families expected to occur in the *Flora* have been assigned numbers from 1 to 184 as stated in Ann. Missouri Bot. Gard. **51**: iii-iv. 1964.

¹Supported by National Science Foundation Grant GB-170.

²I wish to thank Dr. G. B. Van Schaack for his constructive suggestions concerning this index.

ANN. MISSOURI BOT. GARD. **52**(3): 234-247. 1965.

Families (or suitable parts thereof) will be published with their assigned numbers as manuscripts are available. Those wishing to do so can eventually gather these into Parts, since each 'family publication' will be so printed as to begin on a right-hand page.

Since Dr. Woodson's death Part **5**, fascicle 4 and Part **6**, families 92, 104, 114, 116 and 117 have been published with the continued support of the National Science Foundation.

So far some 67 botanists, both American and European, have contributed in one way or another to the *Contributions* or to the *Flora* itself: Allen Caroline K., Allen P. H., Amshoff G. J. H., Bailey L. H., Barnhart J. H., Blake S. F., Burger W. C., Camp W. H., Clausen R. T., Constance L., Croizat L., Cuatrecasas J., Cutak L., Dandy J. E., Dewolf G. D., Jr., Dodson C. H., Duke J. A., Dwyer J. D., Epling C. C., Exell A. W., Fries R. E., Gleason H. A., Gregory D. P., Greenman J. M., Hermann F. J., Howard R. A., Jonker F. P., Kidd H. J., Killip E. P., Leonard E. C., Lundell C. L., Manning W. E., Mathias Mildred E., Maxon W. R., McClintock Elizabeth, McVaugh R., Moldenke H. N., Morton C. V., Muller C. H., Munz P. A., Nevling L. I., Jr., O'Neill F. H., Pennell F. W., Perry L. M., Pfeifer H. W., Raeder Katherine, Rhodes D. G., Rizzini C. T., Robyns A., Rollins R. C., Schery R. W., Schubert Bernice G., Schweinfurth C., Seibert R. J., Smith A. C., Smith C. E., Jr., Smith L. B., Standley P. C., Steyermark J. A., Svenson H. K., Swallen J. R., Trelease W., Van Royen P., Williams L. O., Wimmer F. E., Woodson R. E., Jr. & Yunker T. G.

A. *Contributions toward a Flora of Panama.*

Based upon Collections by Expeditions from the Missouri Botanical Garden Tropical Station, Balboa, C. Z.³

By ROBERT E. WOODSON, JR. & RUSSELL J. SEIBERT (later ROBERT W. SCHERY⁴).
Introduction.

Ann. Missouri Bot. Gard. **24**: 175-176, *pl.* 5. April 30. 1937.

I. Collections in the Provinces of Chiriquí, Coclé, and Panamá, by R. J. Seibert during the Summer of 1935.

Ann. Missouri Bot. Gard. **24**: 177-210, *pls.* 6-8, *fig.* 1. April 30, 1937.

Families (<i>Genera in italics</i>)	Authors	Pagination	Illustrations
Polypodiaceae	W. R. Maxon	180	
Cyperaceae	F. H. O'Neill	180	
Palmae	L. H. Bailey	180	
Bromeliaceae	L. B. Smith	180-181	
Amaryllidaceae	R. E. Woodson, Jr. & P. H. Allen	181	

³This subtitle is in general accurate only for the earlier *Contributions*.

⁴These *Contributions* were edited by Robert E. Woodson, Jr., assisted in Nos. 1-3 by Russell J. Seibert, and in Nos. 4-7 by Robert W. Schery.

Families (<i>Genera in italics</i>)	Authors	Pagination	Illustrations
Cannaceae	⁵	182	
Orchidaceae	C. Schweinfurth	182-185	
Piperaceae	W. Trelease	185-187	
Fagaceae		187	
Loranthaceae	W. Trelease	187-188	
Balanophoraceae		188	
Caryophyllaceae		188	
Ranunculaceae		188	
Lauraceae	R. E. Woodson, Jr.	188-189	
Cunoniaceae		189	
Rosaceae	L. H. Bailey	189	
Oxalidaceae	R. E. Woodson, Jr.	190	
Polygalaceae	S. F. Blake	190-191	
Vitaceae	R. E. Woodson, Jr. & R. J. Seibert	191-192	
Guttiferae		192	
Passifloraceae	E. P. Killip	192	
Thymelaeaceae	P. C. Standley	192-193	
Melastomaceae	P. C. Standley	193-194	
[i. e. Melastomataceae]			
Onagraceae	R. E. Woodson, Jr. & R. J. Seibert	194-196	
Araliaceae	P. C. Standley	196-197	
Ericaceae		197-198	
Myrsinaceae	P. C. Standley	198	
Asclepiadaceae	R. E. Woodson, Jr.	199-201	
Convolvulaceae	R. E. Woodson, Jr. & R. J. Seibert	201-202	
Orobanchaceae		202	
Gesneriaceae	C. V. Morton	202-205	
Acanthaceae	E. C. Leonard	205-208	
Rubiaceae	P. C. Standley	208-209	
Lobeliaceae	F. E. Wimmer	209-210	
Compositae	S. F. Blake	210	

Fig. 1

II. Miscellaneous Collections during 1936-1938.

Ann. Missouri Bot. Gard. **25**: 823-840, *figs. 1-2*. November 28, 1938.

Polypodiaceae	W. R. Maxon	824
Amaryllidaceae	R. E. Woodson, Jr.	824-825
Burmanniaceae	F. P. Jonker	825
Orchidaceae	C. Schweinfurth	825
Piperaceae	W. Trelease	825-827
Podostemonaceae	R. E. Woodson, Jr.	827-828
Nyctaginaceae	P. C. Standley	828
Magnoliaceae	R. J. Seibert	828-829
Theaceae	P. C. Standley	829-830
Passifloraceae	E. P. Killip	830
Begoniaceae	P. C. Standley	830-831
Combretaceae	P. C. Standley	831

⁵ Where no author is indicated, the treatments are presumed to be written by those responsible for the editing, as stated in footnote 4.

Families (<i>Genera in italics</i>)	Authors	Pagination	Illustrations
Myrsinaceae	P. C. Standley	832	
Apocynaceae		832-833	
Asclepiadaceae	R. E. Woodson, Jr.	833-835	Fig. 1
Orobanchaceae	R. E. Woodson, Jr.	835-836	Fig. 2
Rubiaceae	P. C. Standley	836-840	

III. Collections during the Summer of 1938, chiefly by R. E. Woodson, Jr., P. H. Allen, & R. J. Seibert.

Ann. Missouri Bot. Gard. **26**: 265-324, *pls.* 18-23, *figs.* 1-3. November 30, 1939.⁶

Lycopodiaceae	W. R. Maxon	272	
Isoetaceae	W. R. Maxon & C. V. Morton	272-273	
Hymenophyllaceae	W. R. Maxon	273	
Polypodiaceae	W. R. Maxon	273-274	
Ophioglossaceae	R. T. Clausen	274	
Cyperaceae	H. K. Svenson	274-275	
Bromeliaceae	L. B. Smith	275	Pl. 20
Juncaceae	R. E. Woodson, Jr.	275-276	
Musaceae	R. E. Woodson, Jr.	276-277	
Zingiberaceae	R. E. Woodson, Jr.	277-278	
Marantaceae	R. E. Woodson, Jr.	278-279	
Orchidaceae	L. O. Williams	279-287	Pl. 21
Rosaceae	R. E. Woodson, Jr.	287-288	
<i>Alchemilla</i>	L. M. Perry	287	
Polygalaceae	S. F. Blake	288	
Euphorbiaceae	P. C. Standley	289-290	
Dilleniaceae	P. C. Standley	290	
Tiliaceae		290-291	
Buxaceae	C. L. Lundell	291	
Celastraceae	C. L. Lundell	291-292	Pl. 22
Myrsinaceae	C. L. Lundell	292-294	
Vitaceae		294	
Guttiferae	P. C. Standley	294-295	
Myrtaceae	P. C. Standley	295	
Melastomaceae	H. A. Gleason	295-296	
[i. e. Melastomataceae]			
Lecythidaceae		296-297	
Vacciniaceae	W. H. Camp	297-298	
Gentianaceae	F. P. Jonker	298-299	
<i>Halenia</i>	C. K. Allen	298-299	
Apocynaceae	R. E. Woodson, Jr.	299-301	
Asclepiadaceae	R. E. Woodson, Jr.	301-305	Figs. 1-2
Cuscutaceae	T. G. Yunker	305-307	Fig. 3
Bignoniaceae		307-308	
Gesneriaceae	C. V. Morton	308-313	
Rubiaceae	P. C. Standley	313	
Caprifoliaceae		314	
Cucurbitaceae		314	
Compositae	S. F. Blake	314-317	Pl. 23
<i>Senecio</i>	J. M. Greenman	314	

⁶ Misprinted as November 30, 1929.

IV. Miscellaneous Collections, chiefly by Paul H. Allen.

Ann. Missouri Bot. Gard. **27**: 265-364, pls. 31-36, figs. 1-2. September 25, 1940.

Families (<i>Genera in italics</i>)	Authors	Pagination	Illustrations
Marsileaceae	W. R. Maxon	265	
Polypodiaceae	W. R. Maxon	265-266	
Gramineae	J. R. Swallen	266-267	
Araceae	P. C. Standley	267	
Eriocaulaceae	H. N. Moldenke	268-269	
Bromeliaceae	L. B. Smith	269-270	
Liliaceae	R. E. Woodson, Jr.	270-271	
Dioscoreaceae	C. V. Morton	271	
Zingiberaceae		271	
Orchidaceae	L. O. Williams	271-286	Pls. 31-36
Piperaceae	W. Trelease	287-307	
Loranthaceae	R. E. Woodson, Jr. & R. W. Schery	307-310	
<i>Phoradendron</i>	W. Trelease	307-309	
Menispermaceae	P. C. Standley	310-311	
Cruciferae		311	
Capparidaceae	P. C. Standley	311-312	
Rosaceae		312	
Oxalidaceae	R. E. Woodson, Jr.	312-313	
Rutaceae	C. L. Lundell	313-314	
Euphorbiaceae	P. C. Standley	314-315	
Sapindaceae	P. C. Standley	315-317	
Rhamnaceae	C. V. Morton	318	
Tiliaceae	P. C. Standley	318	
Malvaceae	P. C. Standley	319	
Marcgraviaceae	R. E. Woodson, Jr., partim R. W. Schery, partim	319-321	
Guttiferae	P. C. Standley	321	
Loasaceae		321	
Begoniaceae	P. C. Standley	321-323	
Cactaceae	L. Cutak	323	
Myrtaceae	P. C. Standley	323-324	
Onagraceae	P. A. Munz	324	
Araliaceae	A. C. Smith, partim P. C. Standley & A. C. Smith, partim	324-327	
Ericaceae	W. H. Camp, partim A. C. Smith, partim	327-329	
Theophrastaceae	C. L. Lundell	329-330	
Loganiaceae	C. V. Morton	330	
Gentianaceae	F. P. Jonker	330-331	
Apocynaceae	R. E. Woodson, Jr.	331-333	
Asclepiadaceae	R. E. Woodson, Jr.	333-334	
Convolvulaceae	P. C. Standley	334-335	
Hydrophyllaceae		335	
Verbenaceae	H. N. Moldenke	335-336	
Solanaceae	P. C. Standley, partim C. V. Morton, partim	336-337	
Labiatae	C. C. Epling	337-338	
Scrophulariaceae	F. W. Pennell	338-341	
Gesneriaceae	C. V. Morton	341	
Lentibulariaceae	J. H. Barnhart	341	

Fig. 1

Families (<i>Genera in italics</i>)	Authors	Pagination	Illustrations
Rubiaceae	P. C. Standley	341-346	Fig. 2
Valerianaceae	P. C. Standley	346-347	
Campanulaceae	R. McVaugh	347-353	
(Lobelioideae)			

V. Collections chiefly by Paul H. Allen, & by Robert E. Woodson, Jr. & Robert W. Schery.

Ann. Missouri Bot. Gard. **28**: 409-491, *pls. 19-25, figs. 1-2*. November 27, 1941.

Lycopodiaceae	W. R. Maxon	409	Pl. 19	
Polypodiaceae	W. R. Maxon	409		
Taxaceae	P. C. Standley	409-411		
Eriocaulaceae	H. N. Moldenke	411		
Bromeliaceae	L. B. Smith	411-414		
Liliaceae		414		
Amaryllidaceae		414-415		
Dioscoreaceae	C. V. Morton	415		
Marantaceae		415		
Orchidaceae	L. O. Williams	415-425		Pls. 20-25
Piperaceae	W. Trelease	426		
Loranthaceae	R. E. Woodson, Jr.	426-427		
Balanophoraceae		427		
Annonaceae	R. W. Schery	427-429		
Cunoniaceae	R. E. Woodson, Jr.	429		
Connaraceae	J. A. Steyermark	430		
Oxalidaceae	R. E. Woodson, Jr. & R. W. Schery	431		
Rutaceae	C. L. Lundell	431-432		
Polygalaceae	S. F. Blake	432-433		
Celastraceae	C. L. Lundell	433		
Vitaceae		433		
Loasaceae		433		
Begoniaceae	L. B. Smith & B. G. Schubert	434		
Melastomaceae [i. e. Melastomataceae]	H. A. Gleason	434-437		
Araliaceae	A. C. Smith	437-438	Figs. 1-2	
Vacciniaceae	A. C. Smith	438-452		
Theophrastaceae	C. L. Lundell	452-453		
Myrsinaceae	C. L. Lundell	453-459		
Gentianaceae	C. K. Allen, partim J. A. Steyermark, partim	459-461		
Apocynaceae	R. E. Woodson, Jr.	461-462		
Asclepiadaceae	R. E. Woodson, Jr.	462-463		
Convolvulaceae	R. W. Schery	463-464		
Verbenaceae	H. N. Moldenke	464		
Labiatae	C. C. Epling	464		
Solanaceae	C. V. Morton	464-465		
Gesneriaceae	C. V. Morton	465		
Acanthaceae	E. C. Leonard	465-469		
Cucurbitaceae		469		
Rubiaceae	P. C. Standley	469-472		
Compositae	S. F. Blake	472-476		

VI. Collections chiefly by H. von Wedel in Bocas del Toro.

Ann. Missouri Bot. Gard. **29**: 317-379, pls. 30-34, 1 fig. December 18, 1942.

Families (<i>Genera in italics</i>)	Authors	Pagination	Illustrations
Gramineae	J. R. Swallen	317-322	Fig.
Cyclanthaceae	R. E. Woodson, Jr.	322-324	
Commelinaceae		324	Pls. 30-34
Liliaceae	R. E. Woodson, Jr.	325-326	
Smilacaceae	C. V. Morton	326	
Dioscoreaceae	C. V. Morton	327	
Iridaceae		327	
Musaceae		327-329	
Zingiberaceae	R. E. Woodson, Jr.	329-331	
Cannaceae		331	
Marantaceae	R. E. Woodson, Jr.	331-335	
Burmanniaceae		336	
Orchidaceae	L. O. Williams	336-350	
Chloranthaceae		350	
Lacistemaceae		350	
Moraceae	P. C. Standley	350-351	
Capparidaceae	R. W. Schery	351-352	
Leguminosae		352	
Meliaceae		352	
Malpighiaceae		352	
Dichapetalaceae	R. E. Woodson, Jr.	353	
Euphorbiaceae	L. Croizat	353-357	
Hippocrateaceae		357-358	
Icacinaceae	R. A. Howard	358	
Sapindaceae		358	
Quiinaceae	P. C. Standley	358-359	
Tiliaceae	P. C. Standley	359	
Bombacaceae	R. E. Woodson, Jr.	359-360	
Sterculiaceae	R. W. Schery	360-361	
Dilleniaceae	C. V. Morton	361	
Ochnaceae		361	
Marcgraviaceae		361	
Guttiferae	R. W. Schery	362	
Violaceae	C. V. Morton	362-363	
Flacourtiaceae		363	
Turneraceae	C. V. Morton	363	
Caricaceae		363	
Cactaceae	L. Cutak	363	
Thymeliaceae		364	
[i. e. Thymelaeaceae]			
Onagraceae		364	
Loganiaceae		364	
Apocynaceae	R. E. Woodson, Jr.	364-365	
Asclepiadaceae	R. E. Woodson, Jr.	365-366	
Boraginaceae	R. W. Schery	366	
Solanaceae		366	
Bignoniaceae	R. W. Schery	367-368	
Lentibulariaceae	C. V. Morton	368	
Rubiaceae	P. C. Standley	368	
Cucurbitaceae		369	

VII. Miscellaneous Collections, chiefly by H. von Wedel, in Bocas del Toro.
Ann. Missouri Bot. Gard. **30**: 83-96, *figs. 1-2*. March 22, 1943.

Families (<i>Genera in italics</i>)	Authors	Pagination	Illustrations
Bromeliaceae	L. B. Smith	83-85	Fig. 1
Moraceae	P. C. Standley	85	
Nyctaginaceae	P. C. Standley	85-86	Fig. 2
Annonaceae	R. W. Schery	86-87	
Saxifragaceae		88	
Leguminosae	R. W. Schery	88-93	
Malpighiaceae	R. W. Schery	93-95	
Icacinaeae		95	
Begoniaceae	L. B. Smith & B. G. Schubert	95	
Myrtaceae	R. W. Schery	95-96	
Rubiaceae	P. C. Standley	96	

B. *Flora of Panama*.
By ROBERT E. WOODSON, JR. & ROBERT W. SCHERY⁷ & Collaborators.

Family Numbers	Families (<i>Genera in italics</i>)	Authors	ANNALS		FLORA OF PANAMA		Illustrations	Date of Publication
			Volume	Pagination	Part	Pagination		
1	Cycadaceae	R. E. Woodson, Jr.	30(2)	97-98	2(1)	1-2	Fig. 1	June 15, 1943
2	Taxaceae	R. E. Woodson, Jr.	30(2)	98-99	2(1)	2-3		June 15, 1943
3	Typhaceae	R. E. Woodson, Jr.	30(2)	99	2(1)	3	Fig. 2	June 15, 1943
3a	Potamogetonaceae	R. E. Woodson, Jr.	30(2)	99	2(1)	3		June 15, 1943
4	Alismaceae	R. E. Woodson, Jr.	30(2)	100-103	2(1)	4-7	Fig. 3	June 15, 1943
5	Butomaceae	R. E. Woodson, Jr.	30(2)	103-104	2(1)	7-8	Fig. 4	June 15, 1943
6	Triuridaceae	R. E. Woodson, Jr.	30(2)	104	2(1)	8	Fig. 5	June 15, 1943
7	Gramineae	J. H. Swallen	30(2)	104-280	2(1)	8-184	Figs. 6-31	June 15, 1943
8	Cyperaceae	H. K. Svenson	30(3)	281-325	2(2)	185-229	Figs. 32-43, Pl. 1	Sept 30, 1943
9	Palmaceae	L. H. Bailey	30(3)	327-396	2(2)	231-300	Figs. 44-69	Sept 30, 1943
	[i.e. Palmae]							
10	Cyclanthaceae	R. E. Woodson, Jr.	30(3)	396-403	2(2)	300-307	Figs. 70-72	Sept 30, 1943
11	Araceae	P. C. Standley	31(1)	1-60	2(3)	405-464 ⁸	Figs. 73-92	March 31, 1944
12	Lemnaceae	R. E. Woodson, Jr.	31(1)	60-62	2(3)	464-466		March 31, 1944
13	Mayacaceae	R. E. Woodson, Jr.	31(1)	62-63	2(3)	466-467	Fig. 93	March 31, 1944
14	Xyridaceae	R. E. Woodson, Jr.	31(1)	63-64	2(3)	467-468	Fig. 94	March 31, 1944
15	Eriocaulaceae	H. N. Moldenke	31(1)	65-71	2(3)	469-475	Fig. 95	March 31, 1944
16	Rapateaceae	R. E. Woodson, Jr.	31(1)	71-72	2(3)	475-476	Fig. 96	March 31, 1944
17	Bromeliaceae	L. B. Smith	31(1)	73-137	2(3)	477-541	Figs. 97-161	March 31, 1944
18	Commelinaceae	R. E. Woodson, Jr.	31(1)	138-151	2(3)	542-555	Figs. 162-166	March 31, 1944
19	Pontederiaceae	R. W. Schery	31(1)	151-157	2(3)	555-561	Figs. 167-171	March 31, 1944
	INDEX		31(1)	159-172	2	563-576		March 31, 1944
20	Juncaceae	R. E. Woodson, Jr.	32(1)	1-2	3(1)	1-2	Fig. 1	Feb 28, 1945
21	Liliaceae	R. E. Woodson, Jr.	32(1)	2-6	3(1)	2-6	Figs. 2-4	Feb 28, 1945
22	Smilacaceae	C. V. Morton	32(1)	6-11	3(1)	6-11	Figs. 5-6	Feb 28, 1945
23	Haemodoraceae	R. E. Woodson, Jr.	32(1)	11-12	3(1)	11-12	Fig. 7	Feb 28, 1945
24	Amaryllidaceae	R. E. Woodson, Jr. ⁹	32(1)	12-25	3(1)	12-25	Figs. 8-17	Feb 28, 1945
	<i>Bomarea</i>	E. P. Killip	32(1)	14-17	3(1)	14-17	Figs. 9-10	Feb 28, 1945
25	Velloziaceae	R. E. Woodson, Jr.	32(1)	25-26	3(1)	25-26		Feb 28, 1945
26	Dioscoreaceae	C. V. Morton	32(1)	26-33	3(1)	26-33	Figs. 18-20	Feb 28, 1945
27	Iridaceae	R. E. Woodson, Jr.	32(1)	34-42	3(1)	34-42	Figs. 21-24	Feb 28, 1945
28	Burmanniaceae	F. P. Jonker	32(1)	42-47	3(1)	42-47	Figs. 25-27	Feb 28, 1945

⁷ Dr. Robert W. Schery acted as junior editor until end of 1952.

⁸ Because of a printing error, the pagination of Part 2(3) was incorrectly started with p. 405. There are no pages numbered 309-404.

⁹ The author of the genus *Zephyranthes* is R. W. Schery, according to a written communication of R. W. Schery.

Family Numbers	Families (<i>Genera in italics</i>)	Authors	ANNALS			FLORA OF PANAMA			Date of Publication
			Volume	Pagination	Part	Pagination	Part	Illustrations	
29	Musaceae	R. E. Woodson, Jr.	32(1)	48-57	3(1)	48-57	Figs. 28-34	Feb 28, 1945	
30	Zingiberaceae	R. E. Woodson, Jr.	32(1)	57-73	3(1)	57-73	Figs. 35-41	Feb 28, 1945	
31	Cannaceae	R. E. Woodson, Jr.	32(1)	74-80	3(1)	74-80	Figs. 42-44	Feb 28, 1945	
32	Marantaceae	R. E. Woodson, Jr.	32(1)	81-105	3(1)	81-105	Figs. 45-63	Feb 28, 1945	
33	Orchidaceae, 1	L. O. Williams	33(1)	1-140	3(2)	107-246	Figs. 64-119	March 8, 1946	
	Orchidaceae, 2	L. O. Williams	33(4)	315-404	3(3)	247-336	Figs. 120-147	Dec 7, 1946	
	Orchidaceae, 3	P. H. Allen	36(1)	1-132	3(4)	337-468	Figs. 148-185	March 21, 1949	
	Orchidaceae, 4	P. H. Allen	36(2)	133-245	3(5)	469-581	Figs. 186-213	June 18, 1949	
	INDEX		36(2)	247-257	3	583-593		June 18, 1949	
34	Piperaceae	T. G. Yuncker	37(1)	1-120	4(1)	1-120	Figs. 1-23	March 31, 1950	
35	Chloranthaceae	L. I. Nevlng, Jr.	47(2)	81-83	4(2)	121-123	Fig. 24	Aug 5, 1960	
36	Laciniaceae	L. I. Nevlng, Jr.	47(2)	84-87	4(2)	124-127	Figs. 25-26	Aug 5, 1960	
37	Salicaceae	R. E. Woodson, Jr.	47(2)	87	4(2)	127		Aug 5, 1960	
38	Myricaceae	L. I. Nevlng, Jr.	47(2)	88-89	4(2)	128-129	Fig. 27	Aug 5, 1960	
39	Juglandaceae	W. E. Manning	47(2)	90-92	4(2)	130-132	Fig. 28	Aug 5, 1960	
40	Corylaceae	L. I. Nevlng, Jr.	47(2)	93-94	4(2)	133-134	Fig. 29	Aug 5, 1960	
41	Fagaceae	C. H. Muller	47(2)	95-104	4(2)	135-144	Fig. 30	Aug 5, 1960	
42	Ulmaceae	L. I. Nevlng, Jr.	47(2)	105-113	4(2)	145-153	Figs. 31-35	Aug 5, 1960	
43	Moraceae	R. E. Woodson, Jr.	47(2)	114-178	4(2)	154-218	Figs. 36-62	Aug 5, 1960	
	<i>Sorocea</i>	W. G. Burger	47(2)	121-122	4(2)	161-162	Fig. 38	Aug 5, 1960	
	<i>Ficus</i>	G. D. DeWolf, Jr.	47(2)	146-165	4(2)	186-205	Figs. 54-57	Aug 5, 1960	
44	Urticaceae	E. P. Killip	47(2)	179-198	4(2)	219-238	Figs. 63-69	Aug 5, 1960	
45	Proteaceae	L. I. Nevlng, Jr.	47(2)	199-203	4(2)	239-243	Figs. 70-71	Aug 5, 1960	
46	Lorantheaceae	C. T. Rizzini	47(4)	263-290	4(3)	245-272	Figs. 72-82	Feb 7, 1961	
47	Opiliaceae	L. I. Nevlng, Jr.	47(4)	291-292	4(3)	273-274	Fig. 83	Feb 7, 1961	
48	Olaaceae	L. I. Nevlng, Jr.	47(4)	293-302	4(3)	275-284	Figs. 84-86	Feb 7, 1961	
49	Balanophoraceae	L. I. Nevlng, Jr.	47(4)	303-308	4(3)	285-290	Figs. 87-89	Feb 7, 1961	
50	Aristolochiaceae	H. W. Pfeifer ¹⁰	47(4)	309-323	4(3)	291-305	Figs. 90-102	Feb 7, 1961	
51	Polygonaceae	J. A. Duke	47(4)	323-359	4(3)	305-341	Figs. 103-109	Feb 7, 1961	
	<i>Coccoloba</i>	R. A. Howard	47(4)	340-353	4(3)	322-335	Figs. 107-108	Feb 7, 1961	
52	Chenopodiaceae	J. A. Duke	48(1)	1-6	4(4)	343-348	Fig. 110	April 3, 1961	
53	Amaranthaceae	J. A. Duke	48(1)	6-50	4(4)	348-392	Figs. 111-121	April 3, 1961	

¹⁰ Dr. Pfeifer's name was misspelled: Pfeiffer, in the publication.

Family Numbers	Families (<i>Genera in italics</i>)	Authors	ANNALS		FLORA OF PANAMA		Date of Publication	
			Volume	Pagination	Part	Pagination		Illustrations
54	Nyctaginaceae	R. E. Woodson, Jr. ¹¹	48(1)	51-65	4(4)	393-407	Figs. 122-126	April 3, 1961
55	Batidaceae	R. E. Woodson, Jr.	48(1)	66	4(4)	408		April 3, 1961
56	Phytolaccaceae	Katherine Raeder	48(1)	66-79	4(4)	408-421	Figs. 127-131	April 3, 1961
57	Aizoaceae	L. I. Nevlng, Jr.	48(1)	80-85	4(4)	422-427	Figs. 132-134	April 3, 1961
58	Portulacaceae	L. I. Nevlng, Jr.	48(1)	85-89	4(4)	427-431	Figs. 135-136	April 3, 1961
59	Caryophyllaceae	J. A. Duke	48(1)	90-106	4(4)	432-448	Figs. 137-141	April 3, 1961
60	Nymphaeaceae	J. A. Duke	49(3-4)	137-143	4(5)	449-455	Figs. 142-143	May 27, 1963
61	Ceratophyllaceae	J. A. Duke	49(3-4)	144	4(5)	456		May 27, 1963
62	Ranunculaceae	J. A. Duke	49(3-4)	144-153	4(5)	456-465	Figs. 144-146	May 27, 1963
63	Berberidaceae	J. A. Duke	49(3-4)	154-156	4(5)	466-468	Fig. 147	May 27, 1963
64	Menispermaceae	D. G. Rhodes	49(3-4)	157-172	4(5)	469-484	Figs. 148-151	May 27, 1963
65	Magnoliaceae	J. E. Dandy	49(3-4)	173-176	4(5)	485-488	Fig. 152	May 27, 1963
66	Winteraceae	J. E. Dandy	49(3-4)	177-178	4(5)	489-490	Fig. 153	May 27, 1963
67	Annonaceae	R. E. Fries	49(3-4)	179-213	4(5)	491-525	Figs. 154-166	May 27, 1963
68	Myristicaceae	J. A. Duke	49(3-4)	214-225	4(5)	526-537	Figs. 167-170	May 27, 1963
69	Monimiaceae	J. A. Duke	49(3-4)	225-239	4(5)	537-551	Figs. 171-174	May 27, 1963
	INDEX		49(3-4)	240-255	4	552-567		May 27, 1963
70	Lauraceae	Caroline K. Allen	35(1)	1-68	5(1)	1-68	Figs. 1-42	March 22, 1948
71	Hernandiaceae	R. E. Woodson, Jr.	35(1)	68-71	5(1)	68-71	Fig. 43	March 22, 1948
72	Papaveraceae	R. E. Woodson, Jr.	35(1)	71-75	5(1)	71-75	Fig. 44	March 22, 1948
72a	Tovariaceae	R. E. Woodson, Jr.	35(1)	75	5(1)	75		March 22, 1948
76	Moringaceae	R. E. Woodson, Jr.	35(1)	75	5(1)	75		March 22, 1948
73	Capparidaceae	R. E. Woodson, Jr.	35(1)	75-99	5(1)	75-99	Figs. 45-51	March 22, 1948
74	Cruciferae	R. C. Rollins	35(1)	99-106	5(1)	99-106	Figs. 52-53	March 22, 1948
75	Resedaceae	R. E. Woodson, Jr.	37(2)	121	5(2)	107		June 2, 1950
76	Moringaceae ¹²	R. E. Woodson, Jr.	37(2)	121	5(2)	107		June 2, 1950
77	Crassulaceae	R. E. Woodson, Jr.	37(2)	121-124	5(2)	107-110		June 2, 1950
78	Podostemonaceae	P. Van Royen	37(2)	124-137	5(2)	110-123	Figs. 54-61	June 2, 1950
79	Saxifragaceae	Elizabeth McClintock	37(2)	137-145	5(2)	123-131	Figs. 62-63	June 2, 1950
80	Cunoniaceae	R. E. Woodson, Jr.	37(2)	145-147	5(2)	131-133	Fig. 64	June 2, 1950
81	Rosaceae	R. McVaugh	37(2)	147-178	5(2)	133-164	Figs. 65-73	June 2, 1950
	<i>Rubus</i>	L. H. Bailey	37(2)	154-159	5(2)	140-145	Figs. 66-67	June 2, 1950

¹¹ With the collaboration of H. J. Kidd.¹² Elaboration of Note on p. 75.

Family Numbers	Families (<i>Genera in italics</i>)	Authors	ANNALS		FLORA OF PANAMA		Illustrations	Date of Publication
			Volume	Pagination	Part	Pagination		
82	Connaraceae	R. E. Woodson, Jr.	37(2)	178-183	5(2)	164-169	Fig. 74	June 2, 1950
83	Leguminosae	R. W. Schery	37(2)	184-185	5(2)	170-171		June 2, 1950
	Legum.-Mimosoideae	R. W. Schery	37(2)	185-314	5(2)	171-300	Figs. 75-104	June 2, 1950
	Legum.-Caesalpinoideae	R. W. Schery ¹³	38(1)	1-94	5(3)	301-394	Figs. 105-132	March 22, 1951
	Legum.-Papilionoideae partim	J. D. Dwyer	52(1)	1-54	5(4)	395-448	Figs. 133-145	March 31, 1965
92	<i>Lonchocarpus</i>	F. J. Hermann ¹⁴	52(1)	39-47	5(4)	433-441	Fig. 142	March 31, 1965
	Meliaceae	C. E. Smith, Jr.	52(1)	55-79	6	15	Figs. 1-6	March 31, 1965
	Hippocrateaceae	C. H. Dodson & A. Robyns	52(1)	81-98	6		Fig. 1	March 31, 1965
114	Tiliaceae	A. Robyns	51(1-4)	1-35	6		Figs. 1-9	Nov 30, 1964
116	Bombacaceae	A. Robyns	51(1-4)	37-68	6		Figs. 1-9	Nov 30, 1964
117	Sterculiaceae	A. Robyns	51(1-4)	69-107	6		Figs. 1-7	Nov 30, 1964
	<i>Theobroma</i>	J. Cuatrecasas	51(1-4)	89-97	6			Nov 30, 1964
130	Passifloraceae	R. E. Woodson, Jr.	45(1)	1-22	7(1)	1-22	Figs. 1-2	March 20, 1958
131	Cariacaceae	R. E. Woodson, Jr.	45(1)	22-31	7(1)	22-31	Figs. 3-6	March 20, 1958
132	Loasaceae	R. E. Woodson, Jr.	45(1)	32-40	7(1)	32-40	Figs. 7-10	March 20, 1958
133	Begoniaceae	L. B. Smith & B. G. Schubert	45(1)	41-67	7(1)	41-67	Figs. 11-20	March 20, 1958
134	Cactaceae	R. E. Woodson, Jr. ¹⁵	45(1)	68-91	7(1)	68-91	Figs. 21-28	March 20, 1958
135	Thymelaeaceae	R. E. Woodson, Jr.	45(2)	93-97	7(2)	93-97	Figs. 29-30	May 27, 1958
136	Lythraceae	L. I. Neving, Jr.	45(2)	97-115	7(2)	97-115	Figs. 31-35	May 27, 1958
137	Lecythidaceae	R. E. Woodson, Jr.	45(2)	115-136	7(2)	115-136	Figs. 36-42	May 27, 1958
138	Rhizophoraceae	D. P. Gregory	45(2)	136-142	7(2)	136-142	Figs. 43-44	May 27, 1958
139	Combretaceae	A. W. Exell	45(2)	143-164	7(2)	143-164	Figs. 45-51	May 27, 1958
140	Myrtaceae	G. J. H. Amshoff	45(2)	165-201	7(2)	165-201	Figs. 52-62	May 27, 1958
141	Melastomataceae	H. A. Gleason	45(3)	203-304	7(3)	203-304	Figs. 63-93	Oct 28, 1958
142	Onagraceae	P. A. Munz	46(3)	195-221	7(4)	305-331	Figs. 94-98	Oct 15, 1959
143	Haloragidaceae	R. E. Woodson, Jr.	46(3)	221-223	7(4)	331-333	Fig. 99	Oct 15, 1959
144	Araliaceae	L. I. Neving, Jr.	46(3)	223-242	7(4)	333-352	Figs. 100-104	Oct 15, 1959
145	Umbelliferae	M. E. Mathias & L. Constance	46(3)	242-254	7(4)	352-364	Figs. 105-107	Oct 15, 1959
146	Cornaceae	R. E. Woodson, Jr.	46(3)	254-256	7(4)	364-366	Fig. 108	Oct 15, 1959

¹³ The genera *Cynometra* and *Copaifera* were reviewed by J. D. Dwyer.¹⁴ Misprinted as F. I. Hermann.¹⁵ See introduction, p. 234.¹⁶ One species, *Epiphyllum gigas*, is described by R. E. Woodson, Jr. & L. Cutak.

INDEX OF FAMILIES

Numbers in **boldface** type refer to volume numbers of the ANNALS OF THE MISSOURI BOTANICAL GARDEN.

- Acanthaceae **24**: 205; **28**: 465
 Aizoaceae **48**: 80
 Alismaceae **30**: 100
 Amaranthaceae **48**: 6
 Amaryllidaceae **24**: 181; **25**: 824; **28**: 414;
32: 12
 Annonaceae **28**: 427; **30**: 86; **49**: 179
 Apocynaceae **25**: 832; **26**: 299; **27**: 331;
28: 461; **29**: 364
 Araceae **27**: 267; **31**: 1
 Araliaceae **24**: 196; **27**: 324; **28**: 437; **46**:
 223
 Aristolochiaceae **47**: 309
 Asclepiadaceae **24**: 199; **25**: 833; **26**: 301;
27: 333; **28**: 462; **29**: 365
 Balanophoraceae **24**: 188; **28**: 427; **47**: 303
 Batidaceae **48**: 66
 Begoniaceae **25**: 830; **27**: 321; **28**: 434;
30: 95; **45**: 41
 Berberidaceae **49**: 154
 Bignoniaceae **26**: 307; **29**: 367
 Bombacaceae **29**: 359; **51**: 37
 Boraginaceae **29**: 366
 Bromeliaceae **24**: 180; **26**: 275; **27**: 269;
28: 411; **30**: 83; **31**: 73
 Burmanniaceae **25**: 825; **29**: 336; **32**: 42
 Butomaceae **30**: 103
 Buxaceae **26**: 291
 Cactaceae **27**: 323; **29**: 363; **45**: 68
 Campanulaceae **27**: 347
 Cannaceae **24**: 182; **29**: 331; **32**: 74
 Capparidaceae **27**: 311; **29**: 351; **35**: 75
 Caprifoliaceae **26**: 314
 Caricaceae **29**: 363; **45**: 22
 Caryophyllaceae **24**: 188; **48**: 90
 Celastraceae **26**: 291; **28**: 433
 Ceratophyllaceae **49**: 144
 Chenopodiaceae **48**: 1
 Chloranthaceae **29**: 350; **47**: 81
 Combretaceae **25**: 831; **45**: 143
 Commelinaceae **29**: 324; **31**: 138
 Compositae **24**: 210; **26**: 314; **28**: 472
 Connaraceae **28**: 430; **37**: 178
 Convolvulaceae **24**: 201; **27**: 334; **28**: 463
 Cornaceae **46**: 254
 Corylaceae **47**: 93
 Crassulaceae **37**: 121
 Cruciferae **27**: 311; **35**: 99
 Cucurbitaceae **26**: 314; **28**: 469; **29**: 369
 Cunoniaceae **24**: 189; **28**: 429; **37**: 145
 Cuscutaceae **26**: 305
 Cycadaceae **30**: 97
 Cyclanthaceae **29**: 322; **30**: 396
 Cyperaceae **24**: 180; **26**: 274; **30**: 281
 Dichapetalaceae **29**: 353
 Dilleniaceae **26**: 290; **29**: 361
 Dioscoreaceae **27**: 271; **28**: 415; **29**: 327;
32: 26
 Ericaceae **24**: 197; **27**: 327
 Eriocaulaceae **27**: 268; **28**: 411; **31**: 65
 Euphorbiaceae **26**: 289; **27**: 314; **29**: 353
 Fagaceae **24**: 187; **47**: 95
 Flacourtiaceae **29**: 363
 Gentianaceae **26**: 298; **27**: 330; **28**: 459
 Gesneriaceae **24**: 202; **26**: 308; **27**: 341;
28: 465
 Gramineae **27**: 266; **29**: 317; **30**: 104
 Guttiferae **24**: 192; **26**: 294; **27**: 321; **29**:
 362
 Haemodoraceae **32**: 11
 Haloragidaceae **46**: 221
 Hernandiaceae **35**: 68
 Hippocrateaceae **29**: 357; **52**: 81
 Hydrophyllaceae **27**: 335
 Hymenophyllaceae **26**: 273
 Icacinaceae **29**: 358; **30**: 95
 Iridaceae **29**: 327; **32**: 34
 Isoetaceae **26**: 272
 Juglandaceae **47**: 90
 Juncaceae **26**: 275; **32**: 1
 Labiatae **27**: 337; **28**: 464
 Lacisternaceae **29**: 350; **47**: 84
 Lauraceae **24**: 188; **35**: 1
 Lecythidaceae **26**: 296; **45**: 115
 Leguminosae **29**: 352; **30**: 88; **37**: 184; **38**:
 1; **52**: 1
 Lemnaceae **31**: 60
 Lentibulariaceae **27**: 341; **29**: 368
 Liliaceae **27**: 270; **28**: 414; **29**: 325; **32**: 2
 Loasaceae **27**: 321; **28**: 433; **45**: 32
 Lobeliaceae **24**: 209
 Loganiaceae **27**: 330; **29**: 364
 Lorantheae **24**: 187; **27**: 307; **28**: 426;
47: 263
 Lycopodiaceae **26**: 272; **28**: 409
 Lythraceae **45**: 97
 Magnoliaceae **25**: 828; **49**: 173
 Malpighiaceae **29**: 352; **30**: 93
 Malvaceae **27**: 319
 Marantaceae **26**: 278; **28**: 415; **29**: 331;
32: 81
 Marcgraviaceae **27**: 319; **29**: 361
 Marsileaceae **27**: 265
 Mayacaceae **31**: 62
 Melastomataceae **24**: 193; **26**: 295; **28**: 434;
45: 203
 Meliaceae **29**: 352; **52**: 55
 Menispermaceae **27**: 310; **49**: 157
 Monimiaceae **49**: 225
 Moraceae **29**: 350; **30**: 85; **47**: 114

- Moringaceae **35**: 75; **37**: 121
 Musaceae **26**: 276; **29**: 327; **32**: 48
 Myricaceae **47**: 88
 Myristicaceae **49**: 214
 Myrsinaceae **24**: 198; **25**: 832; **26**: 292;
28: 453
 Myrtaceae **26**: 295; **27**: 323; **30**: 95; **45**:
 165
 Nyctaginaceae **25**: 828; **30**: 85; **48**: 51
 Nymphaeaceae **49**: 137
 Ochnaceae **29**: 361
 Olacaceae **47**: 293
 Onagraceae **24**: 194; **27**: 324; **29**: 364; **46**:
 195
 Ophioglossaceae **26**: 274
 Opiliaceae **47**: 291
 Orchidaceae **24**: 182; **25**: 825; **26**: 279;
27: 271; **28**: 415; **29**: 336; **33**: 1, 315;
36: 1
 Orobanchaceae **24**: 202; **25**: 835
 Oxalidaceae **24**: 190; **27**: 312; **28**: 431
 Palmae **24**: 180; **30**: 327
 Papaveraceae **35**: 71
 Passifloraceae **24**: 192; **25**: 830; **45**: 1
 Phytolaccaceae **48**: 66
 Piperaceae **24**: 185; **25**: 825; **27**: 287; **28**:
 426; **37**: 1
 Podostemonaceae **25**: 827; **37**: 124
 Polygalaceae **24**: 190; **26**: 288; **28**: 432
 Polygonaceae **47**: 323
 Polypodiaceae **24**: 180; **25**: 824; **26**: 273
27: 265; **28**: 409
 Pontederiaceae **31**: 151
 Portulacaceae **48**: 85
 Potamogetonaceae **30**: 99
 Proteaceae **47**: 199
 Quiinaceae **29**: 358
 Ranunculaceae **24**: 188; **49**: 144
 Rapateaceae **31**: 71
 Resedaceae **37**: 121
 Rhamnaceae **27**: 318
 Rhizophoraceae **45**: 136
 Rosaceae **24**: 189; **26**: 287; **27**: 312; **37**:
 147
 Rubiaceae **24**: 208; **25**: 836; **26**: 313; **27**:
 341; **28**: 469; **29**: 368; **30**: 96
 Rutaceae **27**: 313; **28**: 431
 Salicaceae **47**: 87
 Sapindaceae **27**: 315; **29**: 358
 Saxifragaceae **30**: 88; **37**: 137
 Scrophulariaceae **27**: 338
 Smilacaceae **29**: 326; **32**: 6
 Solanaceae **27**: 336; **28**: 464; **29**: 366
 Sterculiaceae **29**: 360; **51**: 69
 Taxaceae **28**: 409; **30**: 98
 Theaceae **25**: 829
 Theophrastaceae **27**: 329; **28**: 452
 Thymelaeaceae **24**: 192; **29**: 364; **45**: 93
 Tiliaceae **26**: 290; **27**: 318; **29**: 359; **51**: 1
 Tovariaceae **35**: 75
 Triuridaceae **30**: 104
 Turneraceae **29**: 363
 Typhaceae **30**: 99
 Ulmaceae **47**: 105
 Umbelliferae **46**: 242
 Urticaceae **47**: 179
 Vacciniaceae **26**: 297; **28**: 438
 Valerianaceae **27**: 346
 Velloziaceae **32**: 25
 Verbenaceae **27**: 335; **28**: 464
 Violaceae **29**: 362
 Vitaceae **24**: 191; **26**: 294; **28**: 433
 Winteraceae **49**: 177
 Xyridaceae **31**: 63
 Zingiberaceae **26**: 277; **27**: 271; **29**: 329;
32: 57