

Peter H. Raven

LIST OF PUBLICATIONS

1950

1. 1950 Base Camp botany. Pp. 1-19 *in* Base Camp 1950, (mimeographed Sierra Club report of trip). [Upper basin of Middle Fork of Bishop Creek, Inyo Co., CA].

1951

2. The plant list interpreted for the botanical low-brow. Pp. 54-56 *in* Base Camp 1951, (mimeographed Sierra Club report of trip).
3. Natural science. An integral part of Base Camp. Pp. 51-52 *in* Base Camp 1951, (mimeographed Sierra Club report of trip).
4. Ediza entomology. Pp. 52-54 *in* Base Camp 1951, (mimeographed Sierra Club report of trip).
5. 1951 Base Camp botany. Pp. 51-56 *in* Base Camp 1951, (mimeographed Sierra Club report of trip). [Devils Postpile-Minaret Region, Madera and Mono Counties, CA].

1952

6. Parsley for Marin County. Leaflet. West. Bot. 6: 204.
7. Plant notes from San Francisco, California. Leaflet. West. Bot. 6: 208-211.
8. 1952 Base Camp bird list. Pp. 46-48 *in* Base Camp 1952, (mimeographed Sierra Club report of trip).
9. Charybdis. Pp. 163-165 *in* Base Camp 1952, (mimeographed Sierra Club report of trip).
10. 1952 Base Camp botany. Pp. 1-30 *in* Base Camp 1952, (mimeographed Sierra Club report of trip). [Evolution Country - Blaney Meadows - Florence Lake, Fresno, CA].
11. Natural science report. Pp. 38-39 *in* Base Camp 1952, (mimeographed Sierra Club report of trip).

1953

12. 1953 Base Camp botany. Pp. 1-26 *in* Base Camp 1953, (mimeographed Sierra Club report of trip). [Mono Recesses, Fresno Co., CA].
13. Ecology of the Mono Recesses. Pp. 109-116 *in* Base Camp 1953, (illustrated by M. Barnas; mimeographed Sierra Club report of trip).

1954

14. New weeds for the Sierra Nevada, California. Leafl. West. Bot. 7: 151.
15. A new weed for the Sierra foothills. Leafl. West. Bot. 7: 200.
16. Plant records from Nevada County, California. Leafl. West. Bot. 7: 198-199.

1955

17. A range extension for *Allocarya cusickii* in California. Leafl. West. Bot. 7: 255.
18. *Eragrostis curvula* spontaneous in California. Leafl. West. Bot. 7: 256.
19. The plants of San Francisco. Savant 2: 26-30 [Undergraduate science journal for the University of San Francisco].
20. Plant notes from Napa County, California. Leafl. West. Bot. 7: 268-271.

1956

21. Upper Kern Canyon runs the gamut of ecology. Pp. 145a-146 in Base Camp 1955, (mimeographed Sierra Club report of trip).
22. Sawmill Pass from the Arctic to the desert. Pp. 6-49--6-52 in Base Camp 1956, (illustrated by Daisy Johnson; mimeographed Sierra Club report of trip).
23. Lyman Lake Botany. Pp. c-29--c-32 in Base Camp 1956, (illustrated by Daisy Johnson; mimeographed Sierra Club report of trip).
24. The introduced species of *Bromus* sect. *Ceratochloa*, in California. Leafl. West. Bot. 8: 151-154.
25. Notes on two umbelliferous weeds in California. Leafl. West. Bot. 8: 177.
26. Plant records from San Benito County, California. Leafl. West. Bot. 8: 174-176.
27. *Heleochloa alopecuroides* in Washington. Leafl. West. Bot. 8: 200.
28. The grasses of San Francisco, California. Leafl. West. Bot. 8: 198-200.

1958

29. *Clarkia franciscana*, a new species from central California. Brittonia 10: 8-13. (with H. Lewis)
30. The author of *Bromus haenkeanus*, a correction. Leafl. West. Bot. 8: 216.
31. Observations of meiotic chromosomes in the Onagraceae. Aliso 4: 73-86. (with H. Lewis, C. S. Venkatesh, and H. L. Wedberg)
32. Plants from Mount Whitney, California. Leafl. West. Bot. 8: 248.
33. A flora of San Francisco, California. Wasmann J. Biol. 16: 1-157. (with J.T. Howell and

P. Rubtzoff)

34. Documented chromosome numbers of plants. Madroño 14: 237. (with D. Stone)
35. Rapid evolution in *Clarkia*. Evolution 111: 319-336. (with H. Lewis)

1959

36. Documented chromosome numbers in plants. Madroño 15: 49-52.
37. Evolutionary consequences of interspecific hybridization in *Oenothera* subgenus *Chylismia* (abstract). Proc. IX Int. Bot. Cong. 2: 320.
38. The relationship of clarkias from two continents. Brittonia 11: 193-205. (with H. Lewis)
39. Phylogeny of the Onagraceae (abstract). Proc. IX Int. Cong. Bot. 2: 225-226. (with H. Lewis)
40. *Calyptridium parryi* in Baja California. Leafl. West. Bot. 9: 71.

1960

41. Notes on the plants of the 1955 Refugio Pass burn, Santa Barbara County, California. Leafl. West. Bot. 9: 78-81.
42. Chromosome numbers in Compositae. I. Astereae. Amer. J. Bot. 47: 124-132. (with O. T. Solbrig, D. W. Kyhos, and R. Snow)
43. New information on the distribution of *Clarkia davyi* and *C. prostrata*. Leafl. West. Bot. 9: 94-95. (with H. Lewis)
44. Herb-robert naturalized in California. Leafl. West. Bot. 9: 95.
45. Observation on the chromosomes and relationships of *Hauya* and *Xylonagra*. Aliso 4: 483-484. (with H. Lewis)
46. *Sanicula deserticola*, an endemic of Baja California. Madroño 15: 193-197. (with M. E. Mathias)
47. The correct name for rescue grass. Brittonia 12: 219-221.
48. *Rhagadiolus edulis* in California. Leafl. West. Bot. 9: 116.
49. *Clarkia davyi* on Santa Rosa Island. Leafl. West. Bot. 9: 132.

1961

50. Notes on Gramineae from the Sierra Nevada, California. Leafl. West. Bot. 9: 161-164.
51. Notes on *Linanthus oblanceolatus*. Leafl. West. Bot. 9: 176-178.
52. Phylogeny of the Onagraceae. Recent Advances in Botany 2: 1459-1466. (with H. Lewis)
53. Chromosome numbers in Compositae. II. Helenieae. Amer. J. Bot. 48: 842-850.

1962

54. Onagraceae. *in* Iranian plants collected by Per Wendelbo 1959. Arbok Univ. Bergen. Mat.-Naturv. Ser. 1962: 24-28.
55. Interspecific hybridization as an evolutionary stimulus in *Oenothera*. Proc. Linn. Soc. London Bot. 173: 92-98.
56. The systematics of *Oenothera* subgenus *Chylismia*. Univ. Calif. Publ. Bot. 34: 1-122.
57. Amphitropical relationships in the herbaceous flora of the Pacific coast: survey of the Onagraceae. Amer. J. Bot. 49: 677 (abstract).
58. The genus *Epilobium* in Turkey. Notes Roy. Bot. Gard. Edinburgh 24: 183-203. (with an appendix by P. H. Davis)
59. A new species of *Cryptantha* (section *Circumcissae*) from California and two recombinations (section *Circumcissae* and section *Angustifoliae*). Madroño 16: 168-171. (with K. Mathew)
60. Chromosomes of *Salvia*: section *Audibertia*. Aliso 5: 217-221. (with C. Epling and H. Lewis)
61. The typification of *Zauschneria californica*. Aliso 5: 215-216.
62. A new species of *Epilobium* from the Sierra Nevada of Spain. Svensk Bot. Tidskr. 56: 61-64.
63. Three new species related to *Malacothrix clevelandii*. Madroño 16: 258-266. (with S. Davis)
64. A comparative study of mitosis in the Onagraceae. Amer. J. Bot. 49: 1003-1026. (with M. Kurabayashi and H. Lewis)
65. New combinations in *Ludwigia*. Kew Bull. 15: 476.
66. The genus *Epilobium* in the Himalayan region. Bull. Brit. Mus. (Nat. Hist.) Bot. 2: 327-382, pl. 33-39.
67. Onagraceae. *Flora of Afghanistan*. Ann. Naturhist. Mus. Wien 65: 29-37.

1963

68. Notes on the status of two Nepalese species of *Erigeron* L. (Compositae) described by David Don. Kew Bull. 17: 71-72. (with F. Ludlow)
69. Chromosome numbers in Compositae. III. Senecioneae. Amer. J. Bot. 50: 131-139. (with R. Ornduff, D. W. Kyhos, and A. R. Kruckeberg)
70. *Pulicaria hispanica* (Compositae: Inuleae), a weed new to California. Aliso 5: 251-253.
71. The generic position of "*Boisduvalia tasmanica*". Aliso 5: 247-249.

72. A flora of San Clemente Island, California. *Aliso* 5: 289-347.
73. Chromosome numbers of *Crossosoma*. *Madroño* 17: 68. (with M. S. Cave)
74. *Circaea* in the British Isles. *Watsonia* 5: 262-272.
75. Amphitropical relationships in the floras of North and South America. *Quart. Rev. Biol.* 38: 151-177.
76. *Oenothera cardiophylla* not in Nevada. *Leafl. West. Bot.* 10: 64.
77. Comparative behavior of bees and Onagraceae. I. *Oenothera* bees of the Colorado Desert. *Univ. Calif. Publ. Entom.* 33: 1-24. (with E. G. Linsley and J. W. MacSwain)
78. Comparative behavior of bees and Onagraceae. II. *Oenothera* bees of the Great Basin. *Univ. Calif. Publ. Entom.* 33: 25-58. (with E. G. Linsley and J. W. MacSwain)

1964

79. The Old World species of *Ludwigia* (including *Jussiaea*), with a synopsis of the genus (Onagraceae). *Reinwardtia* 6: 327-427. "1963"
80. Comparative behavior of bees and Onagraceae. III. *Oenothera* bees of the Mojave Desert, California 3 *pl.* *Univ. Calif. Publ. Entom.* 33: 59-98. (with E. G. Linsley and J. W. MacSwain)
81. George Barclay and the "California" portion of the *Botany of the Sulphur*. *Aliso* 5: 469-477.
82. Chromosome numbers in Compositae. IV. Ambrosieae. *Amer. J. Bot.* 51: 513-519. (with O. T. Solbrig, L. C. Anderson, D. W. Kyhos, and L. Rudenberg)
83. Catastrophic selection and edaphic endemism. *Evolution* 18: 336-338.
84. Chromosome numbers in Compositae. V. Astereae II. *Amer. J. Bot.* 51: 513-519. (with O. T. Solbrig, L. C. Anderson, D. W. Kyhos, and L. Rudenberg)
85. The generic subdivision of Onagraceae, tribe Onagreae. *Brittonia* 116: 276-288.
86. Chromosome numbers of *Epilobium* in Britain. *Watsonia* 6: 36-38. (with D. M. Moore)
87. Haploidy and angiosperm evolution. *Amer. Nat.* 98: 251-253. (with H. J. Thompson)
88. Onagraceae. Pp. 1-19 in *Flora Iranica* 17, tab. 1-8.

1965

89. *Polypogon australis* Brongn. in Nevada. *Leafl. West. Bot.* 10: 117.
90. Butterflies and plants: a study in coevolution. *Evolution* 18: 586-603. (with P. R. Ehrlich)
91. A note on the distribution of *Saxifraga debilis* in California. *Leafl. West. Bot.* 10: 142.
92. *Crocidium* in San Luis Obispo Co., California. *Madroño* 18: 32. (with T. R. Mertens)

93. Notes on the flora of San Clemente Island, California. *Aliso* 6: 11.
94. Chromosome numbers of spermatophytes, mostly Californian. *Aliso* 6: 105-113. (with D. W. Kyhos and A. J. Hill)
95. An earlier name for *Ludwigia natans* (Onagraceae). *Rhodora* 67: 83-84.
96. Plant Systematics. Biological Sciences Curriculum Study, BSCS Pamphlet 23: 1-36. (with T. R. Mertens)
97. Taxonomy of *Polygonum* section *Polygonum* (*Avicularia*) in North America. *Madroño* 18: 85-92. (with T. R. Mertens)
98. On the status of "*Tunica prolifera*" in California. *Leafl. West. Bot.* 10: 179.
99. New evidence concerning the original basic chromosome number of angiosperms. *Evolution* 19: 244-248. (with D. W. Kyhos)
100. A revision of *Boisduvalia* (Onagraceae). *Brittonia* 17: 238-254. (with D. M. Moore)

1966

101. *Flora of the Santa Monica Mountains, California*. 185 pp. (mimeographed). University of California, Los Angeles. (with H. J. Thompson)
102. *Native Shrubs of Southern California*. 132 pp. University of California Press, Berkeley and Los Angeles.
103. The systematics and anatomy of *Gongylocarpus* (Onagraceae). *Amer. J. Bot.* 53: 378-390. (with S. Carlquist)
104. Folk taxonomies and biological classification. *Science* 154: 273-275. (with B. Berlin and D. E. Breedlove)

1967

105. *Calamagrostis rubescens* on Santa Cruz Island, California. *Madroño* 19: 63.
106. Chromosome numbers in Compositae. VI. Senecioneae. II. *Amer. J. Bot.* 54: 205-213. (with R. Ornduff, T. Mosquin, and D. W. Kyhos)
107. Systematics and the levels-of-organization approach. *Syst. Zool.* 16: 1-5. (with R. W. Holm)
108. Butterflies and plants. *Sci. Amer.* 216: 104-113. (with P. R. Ehrlich)
109. The floristics of the California islands. Pp. 57-71 in Philbrick, R.N. (ed.), *Proceedings of the Symposium on the Biology of the California Islands*. Santa Barbara Botanic Garden, Santa Barbara, CA.
110. The genus *Epilobium* in Malesia (Onagraceae). *Blumea* 15: 269-282.
111. A revision of the African species of *Epilobium* (Onagraceae). *Bothalia* 9: 309-333.

1968

112. Ecological parameters and plant species diversity. *Amer. Nat.* 102: 297-306. (with M. P. Johnson and L. G. Mason)
113. Polyploidy in *Ambrosia dumosa* (Compositae: Ambrosieae). *Brittonia* 20: 205-211. (with D. W. Kyhos, D. E. Breedlove, and W. W. Payne)
114. The naming of grasses: rules of nomenclature. Pp. 345-347 in Gould, F. W. (ed.), *Grass Systematics*. McGraw-Hill Book Co., New York.
115. Covert categories and folk taxonomies. *Amer. Anthropol.* 70: 290-299. (with B. Berlin and D. E. Breedlove) "1967"
116. Onagraceae. Pp. 305-311 in Tutin, T., et al. (eds.), *Flora Europaea* 2.
117. More on forest defoliation. *Science* 161: 964-965. (with L. Gilbert and P. R. Ehrlich)

1969

118. *Papers on Evolution*. xii + 564 pp. Little, Brown & Co., Boston. (with P. R. Ehrlich and R. W. Holm)
119. Chromosome numbers in Compositae. VII: Astereae III. *Amer. J. Bot.* 56: 348-353. (with O. T. Solbrig, L. C. Anderson, and D. W. Kyhos)
120. Comments on isolating mechanisms as criterion for categories, applications of notion of behavior to plants, etc. Pp. 490-492, 520-522 in *Systematic Biology*. University of Michigan, Ann Arbor, MI. June 14-16, 1967. National Academy of Sciences, Washington, D.C.
121. Conservation and the population problem. *Canad. Field-Naturalist* 83: 1-3.
122. Summary of the symposium [on ferns]. *BioScience* 19: 796-798.
123. Differentiation of populations. *Science* 165: 1228-1232. (with P. R. Ehrlich)
124. Man and the world ecosystem: How many more people do we want? Pp. 25-30 in Wang, J. Y. (ed.), *Proc. of Conference I. Man and his environment: Interaction and interdependence*. Environmental Studies Institute, San Jose, CA.
125. A revision of the genus *Camissonia* (Onagraceae). *Contrib. U.S. Natl. Herb.* 37: 161-396.
126. Dangers in DDT -- Reply to letter by T. H. Jukes. *San Francisco Chronicle* 17, June 1969.

1970

127. Onagraceae. Pp. 1120-1136 in Correll, D. S. & M. C. Johnston (eds.), *Manual of the Vascular Plants of Texas*. Texas Research Foundation, Renner, TX.
128. *Biology of Plants*. xi + 706 pp. Worth Publishers, Inc. (with H. Curtis)

129. Natural regulation of plant species diversity. *Evol. Biol.* 4: 127-162. (with M. P. Johnson)
130. A new species and some new combinations in *Calylophus* (Onagraceae). *Madroño* 20: 241-245. (with H. F. Towner)
131. Two new species and some nomenclatural changes in *Oenothera* subg. *Hartmannia*. *Madroño* 20: 245-249. (with D. R. Parnell)
132. A multiple origin for plastids and mitochondria. *Science* 169: 641-646.
133. Cytogenetics, distribution, and amphitropical affinities of South American *Camissonia* (Onagraceae). *Evolution* 24: 816-823. (with D. M. Moore)
134. Taxonomy of *Lithops* -- more enlightenment. *Bull. Afr. Succ. Pl. Soc.* 5: 156-160.
135. *Iris pseudacorus* in western North America. *Madroño* 20: 390-391. (with J. H. Thomas)
- 135a. *Systematics in Support of Biological Research*. Division of Biology and Agriculture, National Research Council. 25 pp. (with C. D. Michener, J. O. Corliss, R. S. Cowan, C. W. Sabrowski, D. F. Squires, and G. W. Wharton)
136. Reply to letter to *Science* by Arthur N. Shapiro. *Science* 167: 1637. (with P. R. Ehrlich)
- 136a. *Oenothera brandegeei* from Baja California, Mexico, and a review of subgenus *Pachylophus* (Onagraceae). *Madroño* 20: 350-353.

1971

- 136b. Onagraceae. Pp. 708-712 in I. L. Wiggins & D. M. Porter (eds.), *Flora of the Galapagos Islands*. Stanford Univ. Press, Stanford, CA.
137. Studies in South American Onagraceae. *Desert Scrub Information Sheet* 1(1): 4-5.
138. New taxa and new combinations in Australasian *Epilobium* (Onagraceae). *New Zealand J. Bot.* 9: 345-350. (with T. Engelhorn)
139. A plea for the collection of common plants. *New Zealand J. Bot.* 9: 217-222. (with T. Engelhorn)
140. The relationships between 'mediterranean' floras. Pp. 119-134 in Davis, P. H., P. C. Harper, & I. C. Hedge (eds.), *Plant Life of South-West Asia*. Botanical Society of Edinburgh.
141. Construction of John S. Lehmann Building progresses well. *Missouri Bot. Gard. Bull.* 59: 5-6.
142. Chromosome numbers and relationships in Annoniflorae. *Taxon* 20: 479-483. (with D. W. Kyhos and M. S. Cave)
143. Proposal to conserve the generic name 5826 *Diplandra* Hook. & Arn. (1838) (Onagraceae) against *Diplandra* Bertero (1829) (Hydrocharitaceae). *Taxon* 20: 648. (with U. Plitmann)

144. The origins of taxonomy. *Science* 174: 1210-1213. (with B. Berlin and D. E. Breedlove)
145. Botany. Pp. 204-208 in Silva, M. (ed.), *1972 Britannica Yearbook of Science and the Future*. Encyclopaedia Britannica, Inc., Chicago.

1972

146. Plate tectonics and Australasian paleobiogeography. *Science* 176: 1379-1386. (with D. I. Axelrod)
147. Energetics and pollination ecology. *Science* 176: 597-602. (with B. Heinrich)
148. Observations of meiotic chromosomes in *Gaura* (Onagraceae). *Brittonia* 24: 71-86. (with D. P. Gregory)
149. Distribution of flavonoids in twenty-one species of *Oenothera*. *Phytochemistry* 11: 289-291. (with G. Z. Howard and T. J. Mabry)
150. Chromosome numbers in Compositae VIII: Heliantheae. *Amer. J. Bot.* 59: 869-878. (with O. T. Solbrig, D. W. Kyhos, and M. Powell)
151. Evolution and endemism in the New Zealand species of *Epilobium*. Pp. 259-274 in Valentine, D. H. (ed.), *Taxonomy, Phytogeography and Evolution*. Academic Press, Inc. (London), Ltd.
152. Evolutionary biogeography viewed from plate tectonic theory. Pp. 218-236 in Behnke, J. A. (ed.), *Challenging Biological Problems. Directions Toward Their Solution*. Oxford Univ. Press, New York. (with D. I. Axelrod)
153. Onagraceae. Pp. 180-196 in Davis, P. H. (ed.), *Flora of Turkey*, Vol. 4. (with D. F. Chamberlain)
154. A master plan for the Garden. *Missouri Bot. Gard. Bull.* 61(2): 1.
155. What is an herbarium? *Missouri Bot. Gard. Bull.* 61(2): 2-3.
156. Botany. Pp. 199-203 in Silva, M. (ed.), *1973 Britannica Yearbook of Science and the Future*. Encyclopaedia Britannica, Inc., Chicago.
157. Herb Society Plant Sale most successful ever held. *Missouri Bot. Gard. Bull.* 61(2): 8.
158. Letter on "modern taxonomy". *Science* 178: 152-153.
159. A revision of the genus *Gaura* (Onagraceae). *Mem. Torrey Bot. Club* 23: 1-96. (with D. P. Gregory)
160. An introduction to continental drift. *Austral. Nat. Hist.* 17: 245-248.
161. Onagraceae. Pp. 467-504 in *Adumbratio Florae Aethiopiae* 23. *Webbia* 27. (with M. P. Bizzarri)

1973

162. Why are bird-visited flowers predominantly red? *Evolution* 26: 674.
- 162a. The evolution of Mediterranean floras. Pp. 213-224 in di Castri, F. & H. A. Mooney (ed.), *Mediterranean Type Ecosystems. Origin and Structure, Ecological Studies. Analysis and Synthesis, Vol. 7*. Springer-Verlag, New York, Heidelberg, Berlin.
163. Comparative behavior of bees and Onagraceae. IV. *Clarkia* bees of the western United States. *Univ. Calif. Publ. Entomol.* 70: 1-80 pl. 1-3. (with J. W. MacSwain and R. W. Thorp)
164. Plant species disjunctions: A summary. *Ann. Missouri Bot. Gard.* 59: 234-246.
165. Species number and endemism: the Galapagos Archipelago revisited. *Science* 179: 893-895. (with M. P. Johnson)
166. New taxa and recombinations in *Lopezia* (Onagraceae). *Ann. Missouri Bot. Gard.* 59: 279-281. (with U. Plitmann and D. E. Breedlove)
167. Evolution of subalpine and alpine plants groups in New Zealand. *New Zealand J. Bot.* 11: 177-200.
168. Missouri Botanical Garden, Shaw's Garden. *Garden Forum* 35: 5.
169. *Clarkia rubicunda*: A model of plant evolution in semiarid regions. *Evolution* 27: 505-517. (with B. Bartholomew and L. C. Eaton)
170. The systematics of *Lopezieae* (Onagraceae). *Ann. Missouri Bot. Gard.* 60: 478-563. (with U. Plitmann and D. E. Breedlove)
171. From the director. *Missouri Bot. Gard. Bull.* 61(6): 1-3.
172. Cultural significance and lexical retention in Tzeltal-Tzotzil ethnobotany. Pp. 143-164 in Edmonson, M. S. (ed.), *Meaning in Mayan Languages; Ethnolinguistic Studies*. (with B. Berlin, D. E. Breedlove, and R. M. Laughlin)
173. Comparative behavior of bees and Onagraceae V. *Camissonia* and *Oenothera* bees of cismontane California and Baja California. *Univ. of Calif. Publ. Entom.* 71: 1-68. (with E. G. Linsley, J. W. MacSwain, and R. W. Thorp)
174. Distribution of the chalcone, isosalipurposide, in the Onagraceae. *Phytochemistry* 12: 807-808. (with W. A. Dement)
175. Introduction to Section V: Plant Biogeography. Pp. 211-212 in di Castri, F. & H. A. Mooney, (eds.), *Mediterranean Type Ecosystems. Origin and Structure, Ecological Studies. Analysis and Synthesis, Vol. 7*. Springer-Verlag, New York, Heidelberg, Berlin.
- 175a. General principles of classification and nomenclature in folk biology. *Amer. Anthropol.* 75: 214-242. (with B. Berlin and D. E. Breedlove)
- 175b. From the director. *Missouri Bot. Gard. Bull.* 62(10): 1-2.

176. *Principles of Tzeltal Plant Classification. An Introduction to the Botanical Ethnography of a Mayan-Speaking People of Highland Chiapas.* Academic Press, New York and London. xxii + 660 pp. (with B. Berlin and D. E. Breedlove)
177. Chromosome Numbers in Compositae. IX. *Haplopappus* and other Astereae. Amer. J. Bot. 61: 665-671 (with L. C. Anderson, D. W. Kyhos, T. Mosquin, and A. M. Powell)
178. Plant systematics, 1947-1972. Ann. Missouri Bot. Gard. 61: 166-178.
179. Chromosome numbers in Compositae X. Amer. J. Bot. 61: 909-913 (with A. M. Powell and D. W. Kyhos)
180. The Missouri Botanical Garden. Pl. Sci. Bull. 20: 34-38 (with A. H. Gentry).
181. Angiosperm biogeography and past continental movements. Ann. Missouri Bot. Gard. 61: 539-673. (with D. I. Axelrod)
182. *Erythrina* (Fabaceae): Achievements and opportunities. Lloydia 37: 321-331.
183. Summary Remarks. Pp. 25-30 in *Applications of Systematics Collections: The Environment*. Symposium Proceedings. Association of Systematics Collections, Second Annual Meeting, Texas Tech University, May 3, 1974.
184. Trends, priorities, and needs in systematic and evolutionary biology. Syst. Zool. 23: 416-439.
185. Nomenclature proposals to the Leningrad Congress. Taxon 23: 828-833.
186. Trends, priorities, and needs in systematic and evolutionary biology. Brittonia 26: 421-444.
187. From the director. Missouri Bot. Gard. Bull. 63(10): 3.
- 187a. Pigments responsible for ultraviolet patterns in flowers of *Oenothera* (Onagraceae). Nature 252: 705-706. (with W. A. Dement)

1975

188. The evolution of pollen tetrads in Onagraceae. Amer. J. Bot. 62: 6-35. (with J. J. Skvarla and J. Praglowski)
189. *Coevolution of Animals and Plants.* University of Texas Press, Austin and London xiii, 246 pp. (Gilbert, L. E. and P. H. Raven, eds.)
190. Cytological studies in *Lopezieae* (Onagraceae). Bot. Gaz. 136: 322-332. (with U. Plitmann, W. Tai and D. E. Breedlove)
191. Summary of biogeography symposium. Ann. Missouri Bot. Gard. 62: 380-385.
192. History of the flora and fauna of Latin America. Amer. Sci. 63: 420-429. (with D. I. Axelrod)
193. The evolution of subdioecy in morphologically gynodioecious species of *Fuchsia* sect.

- Encliandra* (Onagraceae). *Evolution* 29: 500-511. (with M. T. K. Arroyo)
194. Chromosome numbers in Compositae. XI. Helenieae. *Amer. J. Bot.* 62: 1100-1103. (with A. M. Powell and D. W. Kyhos)
195. Evolutionary and ecological relationships between *Aquilegia formosa* and *A. pubescens* (Ranunculaceae), two perennial plants. *Evolution* 29: 474-486. (with V. C. Chase)
196. Session III: Problems. Pp. 25-28 in Edwards, S.R. & L.D. Grotta (eds.), *Taxonomic and Ecological Services: Undeveloped Resources*. Association of Systematics Collections and The Institute of Ecology. Also miscellaneous discussion.
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