

Maja Kimeridse

I. P. Mandenova (1907-1995)

I. P. Mandenova was born in Tbilisi, on 26 July 1907, in the family of a medical doctor. After leaving the secondary school, she entered the Highest Courses of Foreign Languages (French department) which she finished in 1927.

In 1930 she entered the All-Union Institute of Subtropical Cultures in Tbilisi. In July 1931 she began to work under the supervision of Prof. D. I. Sosnowsky, as a practitioner in the Herbarium of the Botanical Garden of Tbilisi (now Department of Plant Systematics and Geography of the Botanical Institute of the Academy of Sciences of the Georgian SSR). In 1934 she graduated from the Georgian State Agricultural Institute and was appointed to the Institute of Botany of the Transcaucasian Branch of the Academy of Sciences of the USSR (now Institute of Botany of the Academy of Sciences of the GSSR) as research technical worker at the Department of Plant Systematics and Geography. In 1936 she was promoted junior research worker of the same department. In 1942, at a meeting of the research council of the Botanical Institute of the Academy of Sciences of the GSSR, she defended a thesis on "Caucasian lilies" and obtained her candidate's degree of Biological Sciences. From 1944 until 1987 she worked as a chief research worker at the Plant Systematics and Geography Department, in 1987 she became research consultant at the same Department. In December 1960, at a meeting of the Research Council of the V. L. Komarov Botanical Institute of the Academy of Sciences of the USSR (Leningrad), she defended a thesis on "Systematics of tribe *Pastinaceae* K.-Pol. emend. Manden. (*Umbelliferae*-*Apiodeae*)" to obtain her doctor's degree. The degree was conferred to her in July 1961. In 1965 she was given the honorary title of "Honoured Science Worker".

I. P. Mandenova took part in floristic expeditions in Georgia. Her collections are kept at the Herbarium of the Botanical Institute of the Academy of Sciences of the GSSR. She also worked on collections received from foreign botanical herbaria.

In 1974 she became a member of the international botanical society OPTIMA (Organization for the Phyto-Taxonomic Investigation of the Mediterranean Area). From 1979 until her last days she was the regional adviser-consultant for preparing the conspectus of the Mediterranean flora known as "Med-Checklist". In 1979 she was elected

as a correspondent of the National Museum of Natural History (Paris). From 1936 until 1995 she published 82 papers or works, 7 of them abroad (see below).

I. P. Mandenova was a highly qualified specialist in plant systematics and plant geography. She worked on complex groups, contributing treatments to the "Flora of Georgia" (first and second edition), "Suburban flora of Tbilisi" (A. Mahasvili), "Identification key of Caucasian plants" (A. Grossgejm), "Identification key of Georgian plants", "Flora of the USSR", "Flora of Azerbaijan", "Flora of Armenia", "Flora of Erevan" (A. Tahtadzjan and A. Fedorov), and also in foreign series such as "Flora iranica" (K. H. Rechinger). She performed original research work in studying the Caucasian flora, also supervising candidates and junior scientists working on their theses.

I. P. Mandenova described 61 species new to science and published many new nomenclatural combinations, in particular in *Semenovia* and in the genera *Cyclotrichium* (Boiss.) Manden. and *Tetrataenium* (DC.) Manden. which were newly established by her. She died on 4 September 1995.

List of I. P. Mandenova's scientific publications

[Texts are in Russian unless otherwise specified; often with an abstract in Georgian; entries preceded by an asterisk (*) have not been bibliographically verified. — The Editors thank Dr M. Aghababjan for her assistance.]

1. Zametka o nekotoryh kavkazskih zonticnyh. — Trudy Bot. Inst. (Baku) **3**: 271-279. 1936. [With French summary.]
2. Materialy k sistematike zakavkazskih predstavitelej roda *Bupleurum* L. — Bot. Zurn. S.S.S.R. **22**: 451-456. 1937.
3. * [New species of genus *Heracleum* from South-Ossetia.] — Zametki Sist. Geogr. Rast. **2**: 9-12. 1938.
4. * [Materials for biology of varnish-tree blossoming and fruitbearing.] — Trudy Tbilissk. Bot. Inst. **2**: 75-89. 1938.
5. Novyi vid kamnelomki iz Gruzii. — Zametki Sist. Geogr. Rast. **6**: 17-22. 1939.
6. O novom vide rode *Tordylium* iz Dagestana. — Zametki Sist. Geogr. Rast. **9**: 39-46. 1940.
7. * [Treatments of:] *Leersia*, *Digraphis*, *Anthoxanthum*; *Molinia*. — Pp. 143-147, 223-224 in: Makasvili, A. K. & Sosnovskij, D. I. (ed.), Flora Gruzii, **1**. Tbilisi, 1941. [In Georgian.]
8. * [Treatments of:] *Lilium*, *Fritillaria*, *Tulipa*, *Erythronium*, *Lloydia*, *Scilla*; *Ruscus*, *Polygonatum*. — Pp. 486-500, 517-521 in: Makasvili, A. K. & Sosnovskij, D. I. (ed.), Flora Gruzii, **2**. Tbilisi, 1941. [In Georgian.]
9. * [Critical notes on Caucasian umbellifers I.] — Zametki Sist. Geogr. Rast. **10**: 71-78. 1941.
10. * [About some *Astragalus* of Mescheti.] — Soobsc. Akad. Nauk Gruzinsk. S.S.R. **3**(1): 59-63. 1942.
11. * [Caucasian lilies.] — Trudy Tbilissk. Bot. Inst. **8**: 149-206. 1942.
12. Fragmenty monografii kavkazskih borscevikov. — Zametki Sist. Geogr. Rast. **12**: 13-19. 1944.
13. * [Some new and critical umbellifers of Caucasian flora.] — Izv. Akad. Nauk Azerbaidzansk. S.S.R. **1**: 69-72. 1945.
14. * [Treatments of:] *Saxifragaceae*, *Crassulaceae*; *Papilionaceae* (with A. A. Fedorov & P. Japosenko); *Umbelliferae*; *Caprifoliaceae*; *Dipsacaceae*. — Pp. 38-42, 59-98, 246-271, 279-280, 285-288 in: Tahtadzjan, A. L. & Fedorov, A. A., Flora Erevana. — Erevan, 1946.
15. * [Caucasian species of genus *Petasites* Gaertn.] — Zametki Sist. Geogr. Rast. **13**: 69-76. 1947.

16. * [About new Caucasian *Galium*.] — *Zametki Sist. Geogr. Rast.* **13**: 113-115. 1947.
17. Materialy k sistematike i geografii kavkazskih astragalov sekcii *Alopecias* Bge. — *Bot. Mater. Gerb. Bot. Inst. Komarova Akad. Nauk S.S.S.R.* **10**: 90-99. 1947.
18. * [Treatment of:] *Saxifraga*. — Pp. 376-389 in: Haradze, A. L. (ed.), *Flora Gruzii*, **4**. Tbilisi, 1948. [In Georgian.]
19. * [Treatments of:] *Leguminosae* (generic key, with D. I. Sosnovskij); *Acacia*, *Cassia*; *Astragalus* (with D. I. Sosnovskij). — Pp. 1-7, 7-11, 156-222 in: Haradze, A. L. (ed.), *Flora Gruzii*, **5**. Tbilisi, 1949. [In Georgian.]
20. Neskol'ko novyh kriticeskih vidov kavkazskoj flory (with D. I. Sosnovskij). — *Bot. Zurn. (Moskva & Leningrad)* **34**: 285-289. 1949.
21. Rod 86. *Heracleum* L. — borscevik. — Pp. 237-241 in: Grossgejm, A. A., *Opredelitel' rastenij Kavkaza*. — Moskva, 1949.
22. Nekotorye novye u kriticeskie astragaly kavkazskoj flory. — *Zametki Sist. Geogr. Rast.* **15**: 51-56. 1949.
23. Kavkazskie vidy roda *Heracleum*. — Tbilisi (103 pp.).
24. * [Treatments of:] *Araliaceae*, *Umbelliferae*. — Pp. 335-499 in: Haradze, A. L. (ed.), *Flora Gruzii*, **6**. Tbilisi, 1950. [In Georgian.]
25. Dva novyh zonticnyh kavkazskoj flory. — *Bot. Mater. Gerb. Bot. Inst. Komarova Akad. Nauk S.S.S.R.* **12**: 170-173. 1950.
26. Rod 1068. srostoplodnik — *Symphyoloma* C. A. M.; rod 1069. borscevik — *Heracleum* L.; rod 1070. stenotenija — *Stenotaenia* Boiss. — Pp. 222-260 in: Siskin, B. K. (ed.), *Flora SSSR*, **17**. — Moskva & Leningrad, 1951.
27. O rode *Symphyoloma* C. A. Meyer. — *Zametki Sist. Geogr. Rast.* **16**: 81-88. 1951.
28. * [Treatments of:] *Pyrolaceae*; *Plumbaginaceae*. — Pp. 1-5, 70-75 in: Haradze, A. L. (ed.), *Flora Gruzii*, **7**. — Tbilisi, 1952. [In Georgian.]
29. * [Treatments of:] *Rubiaceae*; *Achillea*, *Matricaria*, *Chamaemelum*, *Pyrethrum*, *Tanacetum*, *Artemisia*, *Tussilago*, *Petasites*, *Dorosnicum*, *Senecio*, *Erechtites*, *Ligularia*; *Centaurea* (key to species). — Pp. 1-5, 318-418, 557-562 in: Haradze, A. L. (ed.), *Flora Gruzii*, **8**. — Tbilisi, 1952. [In Georgian.]
30. * [Treatments of:] *Astragalus*; *Umbelliferae*. — Pp. 372-382, 454-487 in: Makasvili, A. K. (ed.), *Flora okrestnostej Tbilisi*, **1**. — Tbilisi, 1952. [In Georgian.]
31. Novyj peredneazijskij rod sem. gubocvetnyh (with E. Sengelia). — *Bot. Mater. Gerb. Bot. Inst. Komarova Akad. Nauk S.S.S.R.* **15**: 332-337. 1953.
32. * Monografija roda *Zosimia* Hoffm. — *Trudy Tbilissk. Bot. Inst.* **15**: 149-163. 1953.
33. O nekotoryh marenovyh kavkazskoj flory. — *Zametki Sist. Geogr. Rast.* **17**: 58-67. 1953.
34. * [Treatment of:] *Rubiaceae*. — Pp. 114-122 in: Makasvili, A. K. (ed.), *Flora okrestnostej Tbilisi*, **2**. — Tbilisi, 1953. [In Georgian.]
35. O gvuh novyh kavkazskih romaskah. — *Bot. Mater. Gerb. Bot. Inst. Komarova Akad. Nauk S.S.S.R.* **16**: 375-378. 1954.
36. Novye kalkol'cikovyje Mengrelii *Campanulaceae* (with S. Kutateladze) — *Zametki Sist. Geogr. Rast.* **18**: 61-65. 1955.
37. Dva novye kavkazskie kamnelomki. — *Zametki Sist. Geogr. Rast.* **19**: 9-13. 1956..
38. Novye vidy roda *Astragalus* L. — *Zametki Sist. Geogr. Rast.* **20**: 29-31. 1958.
39. Sem. *Saxifragaceae*, kamnelomkovye. — Pp. 332-341 in: Tahtadzjan, A. L. (ed.), *Flora Armenii*, **3**. — Erevan, 1958.
40. Materialy po sistematike triby *Pastinaceae* K.-Pol. emend. Manden. (*Umbelliferae*-*Apiodeae*). — *Trudy Tbilissk. Bot. Inst.* **20**: 3-57. 1959.
41. Novyj vid roda *Pyrethrum* s Kavkaza. — *Bot. Mater. Gerb. Bot. Inst. Komarova Akad. Nauk S.S.S.R.* **19**: 358-359. 1959.

42. * [New species of genus *Chamaemelum* Vis. from Caucasus] (with R. Sofieva). — Izv. Akad. Nauk Azerbaidzansk. S.S.R., Ser. Biol. Med. Nauk. **15(3)**: 249-250. 1959.
43. Zametka o rode *Chamaemelum* Vis. — Zametki Sist. Geogr. Rast. **21**: 62-65. 1959.
44. Rod 852. *Pyrethrum* Gaertn. — Pp. 286-306 in: Karjagin, I. I. (ed.), Flora Azerbajdzana, **8**. — Baku, 1961.
45. Kriticeskie zametki po nekotorym kavkazskim vidam r. *Pyrethrum* Gaertn. — Zametki Sist. Geogr. Rast. **22**: 57-62. 1961.
46. Rod 19. *Astragalus* L., astragal. — Pp. 109-209 in: Tahtadzjan, A. L. (ed.), Flora Armenii, **4**. — Erevan, 1962.
47. Taxonomic review of Turkish species of *Heracleum*. — Notes Roy. Bot. Gard. Edinburgh **14**: 173-181. 1962. [In English.]
48. Sur la position systématique et les limites de la tribu *Pastinaceae* (*Umbelliferae*). — P. 420 in: Anonymous, Tenth International Botanical Congress, Abstracts of papers. — Edinburgh, 1964. [In French.]
49. [Treatments of:] *Rosa*; *Saxifragaceae*, *Rubiaceae*, *Leguminosae* [generic key]; *Astragalus*; *Araliaceae*, *Cornaceae*, *Umbelliferae*; *Rubiaceae*. — Pp. 134-138, 140-150, 175-186, 251-292, 295-304 in: Anonymous, Opredelitel' rastenij Gruzii, **1**. — Tbilisi, 1964. [In Georgian.]
50. Zametka o *Rosa pisiformis* (Christ.) Sosn. — Novosti Sist. Vyss. Rast. **1965**: 144-147. 1965.
51. * [Wildgrowing frutiferous of Eastern Georgia] (with S. Kutateladze & A. Scjan). — Tbilisi, 1965 (74 pp.).
52. Novye vidy sipovnikov vostochnoj Gruzii. — Zametki Sist. Geogr. Rast. **25**: 17-20. 1965.
53. Novyj vidjy sipovnika. — Zametki Sist. Geogr. Rast. **26**: 15-17. 1967.
54. [Treatments of:] *Capparidaceae*, *Resedaceae*; *Elatinaceae*; *Pyrolaceae*; *Droseraceae*; *Plumbaginaceae*; *Anthemis*, *Achillea*, *Diotis*, *Matricaria*, *Tripleurospermum*, *Leucanthemum*, *Pyrethrum*, *Tanacetum*, *Artemisia*, *Tussilago*, *Petasites*, *Doronicum*, *Senecio*, *Erechtites*, *Ligularia*; *Onopordum*; *Grossheimia*, *Psephellus*, *Aetheopappus*, *Soswskyia*, *Centaurea*. — Pp. 53, 64, 203-204, 280-282, 118-139, 158, 159-169 in: Anonymous, Opredelitel' rastenij Gruzii, **2**. — Tbilisi, 1969. [In Georgian.]
55. Kriticeskij obzor nekotoryh sipovnikov Kavkaza. — Zametki Sist. Geogr. Rast. **27**: 44-62. 1969.
56. A revision of *Rosa* in Turkey. — Notes Roy. Bot. Gard. Edinburgh **30**: 327-340. 1970. [In English.]
57. Novye taksony roda *Heracleum* L. — Zametki Sist. Geogr. Rast. **28**: 21-24. 1970.
58. Novyj vid roda *Astragalus* L. iz Gruzii (with L. Hintibidze). — Zametki Sist. Geogr. Rast. **28**: 103-104. 1970.
59. *Apiaceae* (*Umbelliferae*) – zonticnye; *Rubiaceae* – marenovye. — Pp. 180-199, 205-211 in: Tahtadzjan, A. L. & Fedorov, A. A., Flora Erevana, ed. 2. — Leningrad, 1972.
60. Novyj vid roda *Astragalus* L. iz Gruzii. — Zametki Sist. Geogr. Rast. **30**: 23-25. 1973.
61. Sem. 3. *Apiaceae* (*Umbelliferae*) [except *Saniculoideae* and *Grammosciadium*]. — Pp. 251-260, 271-279, 285-426 in: Tahtadzjan, A. L. (ed.), Flora Armenii, **6**. — Erevan, 1973.
62. Zametki po taksonomii nekotoryh vidov r. *Astragalus* L. flory Turcii. — Zametki Sist. Geogr. Rast. **31**: 20-25. 1975.
63. Opyt sistemy roda *Heracleum* L. (*Apiaceae*). — P. 106 in: Anonymous, Tezisy dokladov, predstavlenykh XII Mezhdunarodnomu Botaniceskomu Kongressy 3-10 ijulja 1975. — Leningrad, 1975.
64. O novom vide sipovnika s Kavkaza. — Zametki Sist. Geogr. Rast. **33**: 10-12. 1976.
65. Zametka o vidah *Saxifraga laevis* Bieb. i *S. pseudolaevis* Oett. — Zametki Sist. Geogr. Rast. **34**: 16-20. 1977.
66. * Le genre *Tetrataenium* (DC) Manden. Extrait d'un manuscrit pour "Flora Iranica". — Umbelliferae Newslett. **2**: 28-29. 1977. [In French.]

67. Contribution à l'étude du genre *Tetrataenium* (DC.) Manden. (*Pastinaceae* K.-Pol. emend. Manden.; *Apiodeae*) (with J. Carbonnier, M.-C. Carbonnier-Jarreau, A.-M. Cauwet-Marc, M.-T. Cerceau-Larival, M. Guyot, D. Molho & J.-P. Reduron). — Pp. 675-725 in: Cauwet-Marc, A.-M. & Carbonnier, J. (ed.), Les ombellifères, "contributions pluridisciplinaires à la systématique". Actes du 2^e Symposium International sur les Ombellifères, Centre Universitaire de Perpignan, 18-21 mai 1977. — Perpignan, 1978.
68. [Treatments of:] *Saxifragaceae*, *Parnassiaceae*, *Hydrangeaceae*, *Grossulariaceae*. — Pp. 271-386 in: Kechoveli, N. N. (ed.), Flora Gruzii, ed. 2, **5**. — Tbilisi, 1979. [In Georgian.]
69. Zametka po taksonomii nekotoryh vidov roda *Rosa* L. flory Kavkaza. — Zametki Sist. Geogr. Rast. **36**: 33-38. 1980.
70. Sem. 5 *Rubiaceae*, marenovye. — Pp. 50-102 in: Tahtadzjan, A. L. (ed.), Flora Armenii, **7**. — Erevan, 1980.
71. [Treatment of:] *Rosa*. — Pp. 258-295 in: Kechoveli, N. N. (ed.), Flora Gruzii, ed. 2, **6**. — Tbilisi, 1980. [In Georgian.]
72. Konspekt sistemy roda *Heracleum* L. (*Umbelliferae*). — Zametki Sist. Geogr. Rast. **37**: 19-20. 1981.
73. [Treatments of:] *Leguminosae* [generic key]; *Astragalus* [except *A. sect. Rhacophorus* and *sect. Adiaspastus*]. — Pp. 9-14, 254-293, 302-342 in: Kechoveli, N. N. (ed.), Flora Gruzii, ed. 2, **7**. — Tbilisi, 1981. [In Georgian.]
74. Kriticeskie zametki o nekotoryh vidah sekcii *Trachyceris* Bunge, roda *Astragalus* L. — Zametki Sist. Geogr. Rast. **38**: 8-13. 1982.
75. [Treatment of:] *Umbelliferae*. — Pp. 128-333 in: Kechoveli, N. N. (ed.), Flora Gruzii, ed. 2, **9**. — Tbilisi, 1984. [In Georgian.]
76. Zametka o vide *Astragalus bungeanus* Boiss. (*Leguminosae*). — Zametki Sist. Geogr. Rast. **40**: 19-22. 1984.
77. [Treatments of:] *Pyrolaceae*, *Monotropaceae*, *Plumbaginaceae*, *Limoniaceae*. — Pp. 98-104 in: Kechoveli, N. N. (ed.), Flora Gruzii, ed. 2, **10**. — Tbilisi, 1985 [In Georgian.]
78. K sistematike roda *Tetrataenium* (DC.) Manden. (*Umbelliferae*). I. — Zametki Sist. Geogr. Rast. **41**: 43-49. 1986.
79. Ljubov' Manucarovna Kemuljarija-Natadze (1891-1985). — Bot. Zurn. (Moskva & Leningrad) **71**: 1696-1697. 1986.
80. 129. *Heracleum*; 130. *Tetrataenium*. — Pp. 492-506 in: Rechinger, K. H. (ed.), Flora iranica. Flora des iranischen Hochlandes und der umrahmenden Gebirge, 162. — Graz, 1987. [In Latin.]
81. * K sistematike roda *Tetrataenium* (DC.) Manden. (*Umbelliferae*). II. — Zametki Sist. Geogr. Rast. **42**: 11-14. 1991.
82. Obzor vidov roda *Tetrataenium* (*Apiaceae*). — Bot. Zurn. (Moskva & Leningrad) **80(4)**: 90-96. 1995.

I. P. Mandenova also prepared a notice on the genus *Tordylium* as well as treatments of the *Rubiaceae* and several genera of *Compositae* for the second edition of Flora Gruzii, not published to date.

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