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4. It is advisable to divide the text into: **Introduction, Material and methods, Results, Discussion, Acknowledgements, and References.** Write all main headings in bold. The full postal and e-mail address of the author should be indicated after the end of the article, before the References.

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- **Type specimens** of the new taxa must be deposited in public herbaria where they are permanently preserved and accessible to other researchers. The herbaria must be cited by their official acronyms, as given in Holmgren et al. (1990) and/or Holmgren & Holmgren: *Index Herbariorum*: <http://www.nybg.org.bsoci/ih.html>. Bulgarian authors are kindly asked to deposit type specimens in the Herbarium of the Institute of Botany (SOM).

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- The number of the volume (**in bold**) and issues (in brackets and normal print) should be written in Arabic numerals, irrespective of their original designation.
- The Bulgarian names should be translated into English in accordance with *An English Dictionary of Bulgarian Names: Spelling and Pronunciation*. Naouka & Izkoustvo, Sofia (Danchev & al. 1989).
- Insert a period and space after each initial of an author's name. Write the author's name(s) in **bold** normal print.

Journal articles

- Doebley, J., Bothmer, R. & Larson, S.** 1992. Chloroplast DNA variation at the phylogeny of *Hordeum* (*Poaceae*). – *Amer. J. Bot.*, **79**(5): 576-584.
- Sax, K. & Anderson, E.** 1963. Segmental interchange in chromosomes of *Tradescantia*. – *Genetics*, **18**: 53-94.
- González, R., Segura, A. & González, M.L.** 1993. Ultrastructure of chloroplasts of pine needles exposed to industrial environment. – *Biol. Pl.*, **35**(3): 407-416.
- Vassilev, P. & Andreev, N.** 1992. Analysis of the Flora of the Golo Bardo Mountain. – *Fitologiya*, **42**: 3-21 (in Bulgarian).
- Ivanov, T.** In press. Distribution of rare species in Bulgaria. – *Phytol. Balcan.*, **10**(1).

Extracts from collective works

- Strid, A. & Franzen, R.** 1981. Reports. – In: **Löve, D.** (ed.), *Chromosome number reports*, 73. – *Taxon*, **30**(4): 829-842.
- During, H.J.** 1992. Ecological classification of bryophytes and lichens. – In: **Bates, J.W. & Farmer, A.M.** (eds), *Bryophytes and Lichens in a Changing Environment*. Pp. 1-31. Clarendon Press, Oxford.
- Ivanova, D.** 2003. Reports. – In: **Kamari, G., Blanché, C. & Garbari, F.** (eds), *Mediterranean Chromosome Number Reports – 13*. – *Fl. Medit.*, **13**: 354-361.
- Markova, M.** 1987. Karyological study of Bulgarian taxa from the genus *Thymus* L. I. – In: **Kuzmanov, B.** (ed.), *Proc. Fourth Natl. Conf. Bot.*, Sofia 1987. Vol. **1**, pp. 38-45. Sofia.

Books

- Loon, J.C. van.** 1987. *A Cytotaxonomical Atlas of the Balkan Flora*. Springer, Berlin & Stuttgart.
- Danin, A.** 1983. *Desert Vegetation of Israel and Sinai*. Univ. Press, Jerusalem.
- Moore, D.M.** (ed.). 1982. *Flora Europaea Check-List and Chromosome Index*. Acad. Press, Cambridge.

Floras

- Stojanov, N. & Stefanov, B.** 1924. *Flora of Bulgaria*. Vol. **1**. State Printing House, Sofia (in Bulgarian).
- Stojanov, N. & Stefanov, B.** 1925. *Flora of Bulgaria*. Vol. **2**. State Printing House, Sofia (in Bulgarian).

- Stojanov, N. & Stefanov, B.** 1933. *Flora of Bulgaria*. Ed. 2. Guttenberg Press, Sofia (in Bulgarian).
- Stojanov, N. & Stefanov, B.** 1948. *Flora of Bulgaria*. Ed. 3. Univ. Press, Sofia (in Bulgarian).
- Stojanov, N., Stefanov, B. & Kitanov, B.** 1966. *Flora of Bulgaria*. Ed. 4, vol. **1**. Naouka & Izkoustvo, Sofia (in Bulgarian).
- Stojanov, N., Stefanov, B. & Kitanov, B.** 1967. *Flora of Bulgaria*. Ed. 4, vol. **2**. Naouka & Izkoustvo, Sofia (in Bulgarian).
- Kozhuharov, S.** (ed.). 1992. *Field Guide to the Vascular Plants in Bulgaria*. Naouka & Izkoustvo, Sofia (in Bulgarian).
- Markova, M.** 1992. *Potentilla* L. – In: **Kozhuharov, S.** (ed.), *Field Guide to the Vascular Plants in Bulgaria*. Pp. 686-692. Naouka & Izkoustvo, Sofia (in Bulgarian).
- Petrova, A.** 1979. *Linaceae* S. F. Gray. – In: **Jordanov, D.** (ed.), *Fl. Reipubl. Popularis Bulgaricae*. Vol. **7**, pp. 79-110. In *Aedibus Acad. Sci. Bulgaricae, Serdicae* (in Bulgarian).
- Assenov, I.** 1982. *Conium* L. – In: **Velčev, V.** (ed.), *Fl. Reipubl. Popularis Bulgaricae*. Vol. **8**, pp. 99-102. In *Aedibus Acad. Sci. Bulgaricae, Serdicae* (in Bulgarian).
- Anchev, M.** 1989. *Galium* L. – In: **Velčev, V.** (ed.), *Fl. Reipubl. Popularis Bulgaricae*. Vol. **9**, pp. 42-96. In *Aedibus Acad. Sci. Bulgaricae, Serdicae* (in Bulgarian).
- Peev, D.** 1995. *Veronica* L. – In: **Kozhuharov, S.** (ed.), *Fl. Reipubl. Popularis Bulgaricae*. Vol. **10**, pp. 142-189. *Editio Acad. "Prof. Marin Drinov"*, Serdicae (in Bulgarian).
- Kollmann, F.** 1984. *Allium* L. – In: **Davis, P.H.** (ed.), *Flora of Turkey and the East Aegean Islands*. Vol. **8**, pp. 98-211. Edinburgh Univ. Press, Edinburgh.
- Hansen, A.** 1976. *Dipsacus* L. – In: **Tutin, T.G. & al.** (eds), *Flora Europaea*. Vol. **4**, pp. 58-59. Cambridge Univ. Press, Cambridge.

PhD and DSc Thesis

- Petkova-Varadinova, D.** 2002. Biosystematic study of the genus *Crepis* L. (*Asteraceae*) in Bulgaria. *PhD Thesis*. Inst. Bot., Bulg. Acad. Sci., Sofia (in Bulgarian, unpubl.).
- Palamarev, E.** 1991. Composition, structure and main stages in the evolution of Miocene palaeoflora in Bulgaria. *DSc Thesis*. Inst. Bot., Bulg. Acad. Sci., Sofia (in Bulgarian, unpubl.).

On-line publicarions

- Bennett, M.D. & Leitch, I.Y.** 2003. Plant DNA C-values Database (release 2.0). – <http://www.rbkew.org.uk/cval/homepage.html> (accessed 20.08.2004).