

Data Paper

Ecology, 101(7), 2020, e03049

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Nikolaeva et al.'s reference book on seed dormancy and germination

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Citation: Rosbakh, S., C. C. Baskin, and J. M. Baskin. 2020. Nikolaeva et al.'s reference book on seed dormancy and germination. *Ecology* 101(7):e03049. 10.1002/ecy.3049

Abstract. Despite the recent advances in seed science research, information on seed dormancy and germination traits is still missing for many lineages of the seed plants. We translated and digitized a huge data set on seed dormancy and germination from the *Reference Book On Dormant Seed Germination* by M. Nikolaeva, M. Razumova, and V. Gladkova published in Russian in 1985 and previously not readily accessible to the great majority of people in the international scientific community interested in seeds. The data set contains information on the seed dormancy classification (sensu Nikolaeva et al., 1985; Baskin and Baskin, 2004), dormancy-breaking conditions/germination, and for some of the included species storage behaviour, of seeds of nearly 3000 gymnosperm and angiosperm species from 843 genera and 164 families occurring worldwide. Additionally, the data set contains about 550 references, many of them unknown to seed scientists, to seed ecology research conducted between 1926 and 1985. The data set should be of value to applied, basic, and theoretical plant biologists, ecologists, and evolutionary biologists interested in the various aspects of regeneration of plants from seeds. There are no copyright or proprietary restrictions for research or teaching purposes. The originator of the data would appreciate notification when and how the data are used. When used in published analyses, this paper should be referred to as the data source.

Key words: scarification; seed dormancy; seed germination; seeds; stratification; trait.

The complete data sets corresponding to abstracts published in the Data Papers section in the journal are published electronically as Supporting Information in the online version of this article at <http://onlinelibrary.wiley.com/doi/10.1002/ecy.3049/supinfo>.

Manuscript received 7 January 2020; revised 5 February 2020; accepted 25 February 2020. Corresponding Editor: William K. Michener.

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