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MACROFUNGI OF NORTH KOREA COLLECTED IN 1982–1986

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Abstract: In this paper, 429 species of macrofungi and 2 species of microfungi (Asco- and Basidiomycota), together with distribution notes, are reported from specimens collected in North Korea (Democratic People's Republic of Korea) at 65 sites, especially in mountains: Kumgang-san Mts, mountains near Kaesong city, Myohyang-san Mts, Paekdu-san Mts, Ryongak-san Mt., Suian-san Mts and Taesong-san Mts. The paper includes 259 species of fungi reported for the first time from North Korea. The material was collected during five expeditions to Korea in 1982–1986. For each species the information given includes short descriptions of its macro- and microscopic features, sites and substrate, accepted name and synonyms with its basionym, and references concerning its taxonomy and geographical distribution, especially in Asia. Microscopic elements of some species are illustrated in 152 figures. Characteristics of North Korean mycobiota are given. This is the first paper on North Korean fungi published in English, except for some short articles by mycologists from the Institute of Botany of the Polish Academy of Sciences in Kraków published in 1990–2002. Previous North Korean mycological papers were published only in Korean, and are practically inaccessible outside of North Korea. The mycobiota and diversity of the fungi of this country were also unknown outside of North Korea.

Key words: Asia, Democratic People's Republic of Korea, North Korea, fungi, macrofungi, Ascomycota, Ascomycetes, Basidiomycota, Basidiomycetes, Urediniomycetes, taxonomy, ecology, geographical distribution.

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