1. Record Nr. UNINA9910863294103321 Autore Ji Yunheng Titolo A monograph of Paris (Melanthiaceae): morphology, biology, systematics and taxonomy / / Yunheng Ji Pubbl/distr/stampa Springer Singapore, 2021 Singapore:,: Springer,, [2021] © 2021 **ISBN** 9789811579028 981-15-7903-2 Descrizione fisica 1 online resource (XIII, 203 p. 134 illus., 110 illus. in color.) Disciplina 580.12 580 **Plants** Soggetti Melanthiaceae Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Preface -- Acknowledgement -- Chapter 1. Taxonomic History --Nota di contenuto Chapter 2. Morphology -- Chapter 3. Biology -- Chapter 4. Economic Importance -- Chapter 5. Phylogeny, classification, and biogeography -- Chapter 6. Taxonomic revision -- Chapter 7. Conservation status. Sommario/riassunto This book provides essential information on the morphology, biology, phytochemistry, pharmaceutical prospects, evolution, phylogeny, biogeography, and taxonomy of Paris (Melanthiaceae), a morphologically distinctive plant genus with great economic importance. Since the establishment of this genus, 70 species and 24 subspecific taxa have been described, resulting in considerable confusion in species delimitation. In this book, the taxonomy of all described taxa is carefully revised. Based on multi-disciplinary evidences, a revised classification system of Paris containing five sections is outlined. Every species is provided with a concise but

diagnostic description, a color illustration, photographs that highlight distinguishing characters, examined specimens and distribution range. The interspecific relationships are clarified with an identification key. This monograph offers taxonomists, evolutionary biologists, ecologists,

horticulturalists, phytochemists, and practitioners a thorough and upto-date overview about this interesting plant group. It is equally valuable for undergraduate and graduate students, teachers and professionals engaged in related fields.