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Titolo	Biosystematics of Triticeae : Volume V. Genera: Campeiostachys, Elymus, Pascopyrum, Lophopyrum, Trichopyrum, Hordelymus, Festucopsis, Peridictyon, and Psammopyrum // by Chi Yen, Junliang Yang
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Nota di contenuto	Chapter 1. Biosystematics of Genus Campeiostachys -- Chapter 2. Biosystematics of Genus Elymus -- Chapter 3. Biosystematics of Genus Pascopyrum -- Chapter 4. Biosystematics of Genus Lophopyrum -- Chapter 5. Biosystems of Genus Trichopyrum -- Chapter 6. Biosystematics of genus Hordelymus -- Chapter 7. Biosystematics of Genus Festucopsis -- Chapter 8. Biosystematics of Genus Peridictyon -- Chapter 9. Biosystematics of Genus Psammopyrum.-.
Sommario/riassunto	This book review and rearrange the research data of Triticeae published over hundreds of years, applying a modern scientific approach. Triticeae is an important tribe in the grass family (Poaceae). It includes the major cereal crops, such as wheat, barley and rye, in addition to many valuable forage crops found in different genera, such as Elymus, Agropyron, Pastyrostachys, and Leymus. The knowledge of appropriate Triticeae taxonomy and biosystematics will serve as genetic breeding of wheat, barley, rye and forage grass. The authors attempted

to remain the truth and remove the false for deriving a more natural biosystematics of Triticeae. This book covers taxonomy, cytogenetics, and molecular phylogeny. It summarizes the biosystematics of Triticeae with comprehensive and updated data. This book is divided into five volumes (Volumes 1- 5), and includes 30 genera, 2 subgenera, 464 species, 9 subspecies, and 186 varieties in Triticeae. Volume 5 introduces nine perennial genera in Triticeae: *Campeiostrachys*, *Elymus*, *Pascopyrum*, *Lophopyrum*, *Trichopyrum*, *Hordelymus*, *Festucopsis*, *Peridictyon*, and *Psammopyrum*. *Elymus* (StH), *Campeiostrachys* (StYH), *Lophopyrum* (E), and *Trichopyrum* (ESt) are polymorphic genera. They show similar morphological characters, and it is difficult to distinguish them based merely on morphological variation. *Pascopyrum* (StHNSXm), *Hordelymus* (XoXr), *Festucopsis* (L), *Peridictyon* (Xp), and *Psammopyrum* (EL) are small genera, mostly monotypic genera. This book can serve as highly qualified, valuable, and convenient handbooks for audiences who are interested in Triticeae. This book also includes many illustrations, in addition to the description, to help the audience understand, morphological features of the concerned taxa, which makes the explanation more precise and obvious. It is a useful tool to understand the relationship among species in Triticeae.

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