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Autore	KOLARZ, Walter
Titolo	The People of the Soviet Far East / Walter Kolarz
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Soggetti	ASIA SOVIETICA - Geografia
Lingua di pubblicazione	Inglese
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2. Record Nr.	UNINA9910733716903321
Autore	Asakawa Yoshinori
Titolo	Chemical constituents of bryophytes : bio- and chemical diversity, biological activity, and chemosystematics / / authors: Y. Asakawa, A. Ludwiczuk, and F. Nagashima
Pubbl/distr/stampa	Vienna, : Springer-Verlag, 2013
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Collana	Progress in the chemistry of natural products ; ; 95
Altri autori (Persone)	LudwiczukA (Agnieszka) NagashimaF (Fumihiro)
Disciplina	572.28 588
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1 Introduction -- 2 Biodiversity of Bryophytes -- 3 Chemical Diversity of Bryophytes -- 4 Chemical Constituents of the Marchantiophyta -- 5 Chemical Constituents of Bryophyta -- 6 Chemical Constituents of

Anthocerotophyta -- 7 Biologically Active Compounds of the Marchantiophyta and Bryophyta -- 8 Chemosystematics of the Marchantiophyta -- 9 Chemical Relationships Between Algae, Bryophytes, and Pteridophytes.

Sommario/riassunto

For some 50 years, Professor Asakawa and his group have focused their research on the chemical constituents of bryophytes and have found that these plants contain large numbers of secondary metabolites, such as terpenoids, acetogenins, and aromatic compounds representative of many new skeletons, which exhibit interesting biological activities. Individual terpenoids, when found as constituents of both a bryophyte and a higher plant, tend to occur in different enantiomeric forms. Professor Asakawa has covered the literature on bryophytes in two earlier volumes of *Progress in the Chemistry of Organic Natural Products*, namely, Volumes 42 (1982) and 65 (1995). Since the publication of the latter volume, a great deal of new information has appeared on bryophytes. One example is that known sex pheromones of algae have been discovered in two liverworts, indicating that some members of the latter taxonomic group might originate from brown algae. From information provided in this volume, it is suggested that two orders of the Marchantiophyta should be combined. .