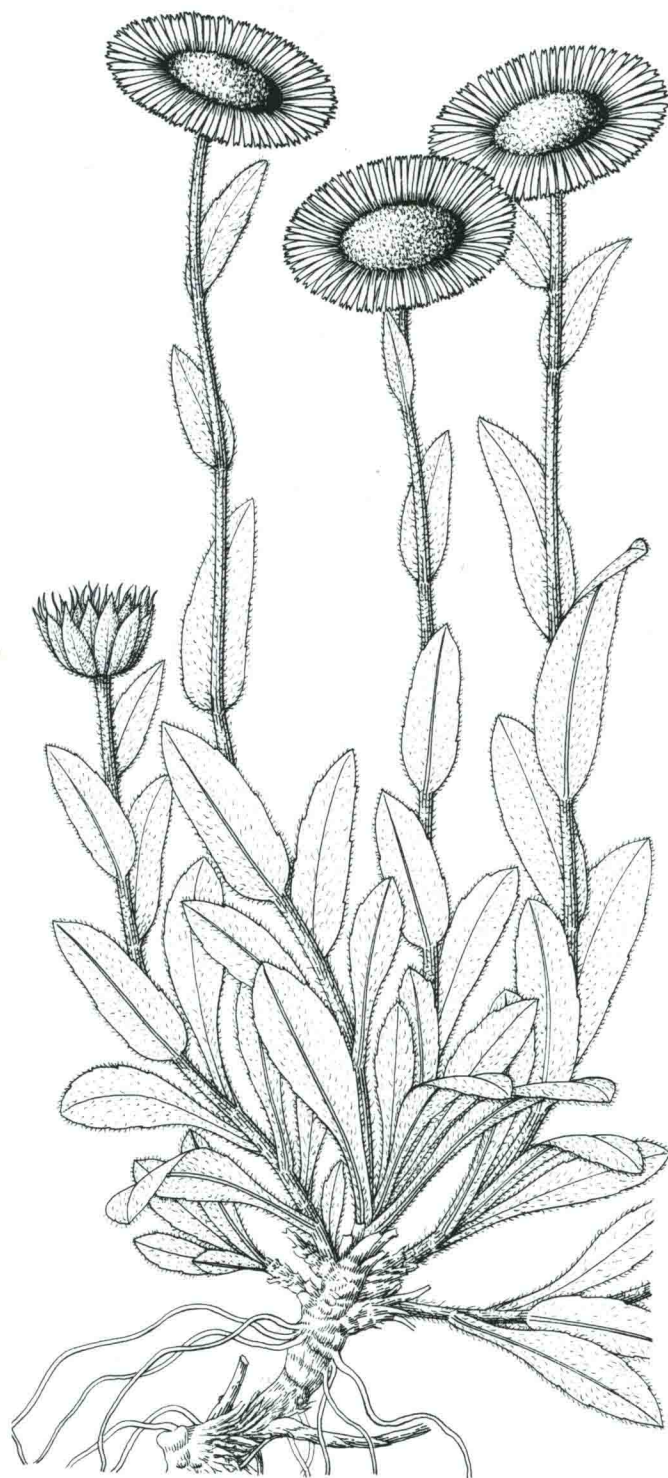


Flora of China Illustrations



Asteraceae

20—21

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Asteraceae

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The *Flora of China* logo (above) is a composite image, derived from the outlines of leaf shapes from genera of woody plants occurring in both China and the U.S.A., that symbolizes the collaboration between the two nations. It was designed by Charles P. Reay.

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20–21

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PREFACE

The first volume of the English language *Flora of China* appeared in 1994. In order to increase the usefulness of these text volumes, and to make available the beautiful drawings used for the previously published Chinese language *Flora Reipublicae Popularis Sinicae* (FRPS), the *Flora of China Illustrations* series was started in 1998. The illustrations series follows the taxonomy of the text series, but some modifications in presentation have been made so that FRPS figures can fit into the present scheme. Additional illustrations are also included for taxa not or insufficiently illustrated in FRPS.

Volume 20–21 of the *Flora of China Illustrations* is vols. 20 and 21 combined into a single volume; hence it is the 21st of the now 22 volumes of the *Flora of China Illustrations*. It accompanies the *Flora of China* (FOC) Volume 20–21, which was published in 2011 and treated 15 tribes, 252 genera, and 2,340 species in Asteraceae. This volume of illustrations includes 722 plates representing a total of 1,214 species in 204 genera.

The illustrations are generally arranged according to the sequence of tribes, genera, and species in FOC Volume 20–21, except when a figure includes more than one taxon, in which case the sequence is determined by the first species listed in the compound figure. Some highly variable species are illustrated on more than one plate to show morphological variations. Scale bars are given for some of the plates.

Names of recognized taxa are in boldface, and author names follow FOC. Each recognized taxon is followed by its Chinese name and the pinyin transliteration of that name. Important synonyms and misapplied names are cited before the pinyin names. Page numbers for the descriptions in FOC and for the figure number, volume number, and year of publication of the FRPS volume, as well as names of artists and sources of illustrations in the case of redrawings or reproductions, are listed in parentheses at the end of each caption.

Indexes to figure numbers are given for the Chinese names, their pinyin transliterations, and the scientific names.

Wu Zhengyi (吴征镒)

Peter H. Raven

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Luc Brouillet, Chen Yousheng (陈又生), Susana Freire, Gao Tiangang (高天刚), Günter Gottschlich, D. J. Nicholas Hind, Norbert Kilian, Jan Kirschner, Bertil Nordenstam, Eckhard von Raab-Straube, John C. Semple, Jan Štěpánek, Alexander Sukhorukov, Leszek Vincent, and Zhu Shixin (朱世新) reviewed portions of the plates and suggested additional non-FRPS plates.

We also thank the illustrators for their wonderful artwork; their names are listed on a previous page in sequence of the number of illustrations made and then alphabetically by pinyin or English name.

Special thanks are due to Norbert Kilian and Eckhard von Raab-Straube for reviewing many of the plates of Asteraceae and for suggestions for additional plates.

Gong Xiaolin (宫晓林) compiled the original illustrations from FRPS and coordinated the redrawing. Rosemary Tanaka helped with the captions.

Allison M. Brock and Tammy Charron coordinated the publishing process. Diana Gunter helped with proofreading the plates and captions. Several other individuals at Science Press and Missouri Botanical Garden are appreciated for their professional assistance to the project, namely, Han Xuezhe (韩学哲), Zeng Jianfei (曾建飞), Xing Xiaochen (邢晓晨), Huo Chunyan (霍春雁), Wang Chunxiang (王春香), Victoria Hollowell, and Robert Magill.

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Figure 1. 1–7. *Nouelia insignis* Franchet, 栌菊木 lu ju mu. —1. Flowering branch. —2. Leaf. —3. Capitulum. —4. Ray floret. —5. Disk floret. —6. Stamen. —7. Pappus. (FOC 10; FRPS 79: 73, pl. 13. 1996. —邓盈丰 Deng Yingfeng).

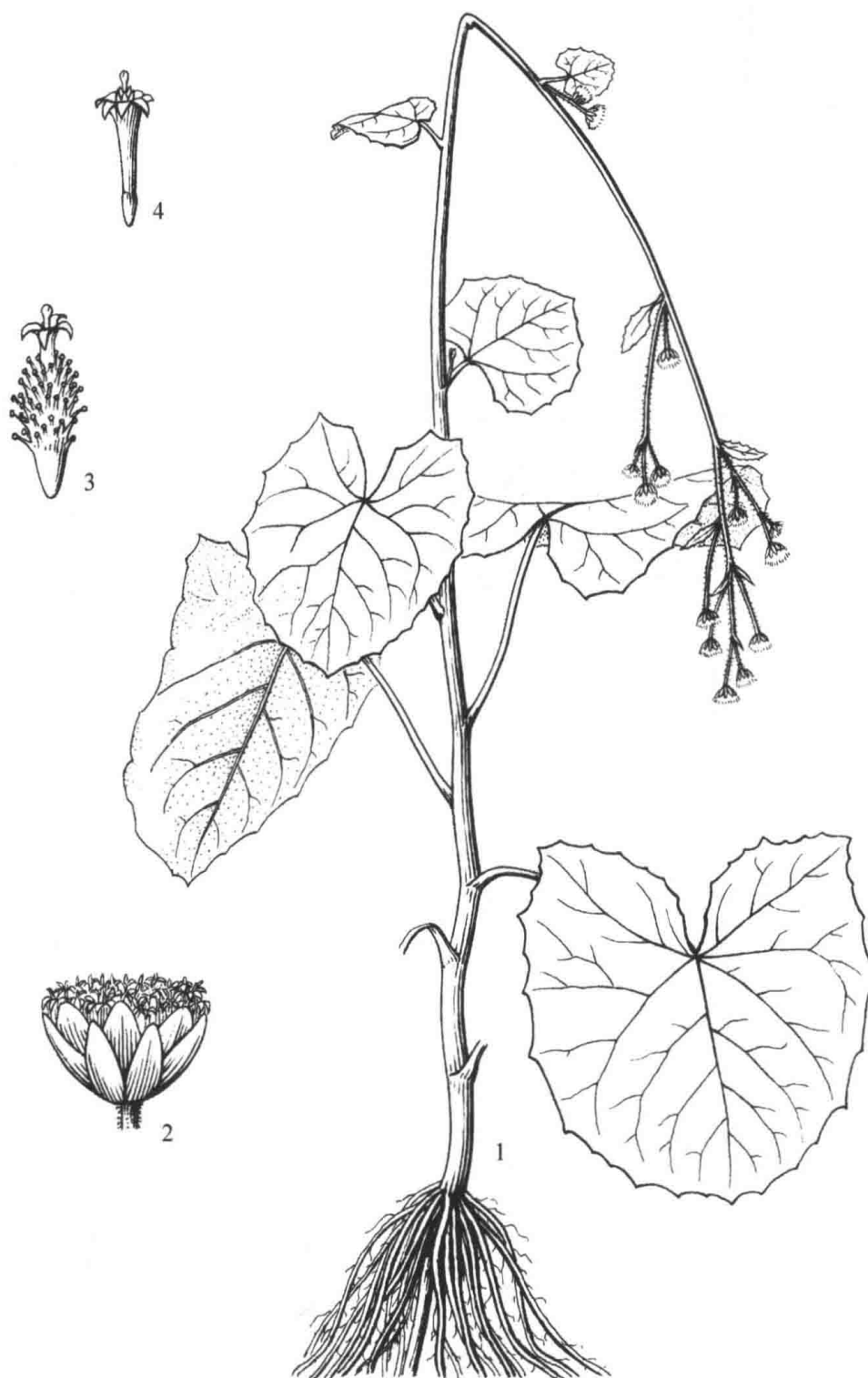


Figure 2. 1–4. *Adenocaulon himalaicum* Edgeworth, 和尚菜 he shang cai. —1. Habit. —2. Capitulum. —3. Bisexual floret. —4. Achene. (FOC 11; FRPS 75: 314, pl. 53: 1–4. 1979. —张荣厚, 冀朝桢 & 吴彰桦 Zhang Ronghou, Ji Chaozhen & Wu Zhanghua).

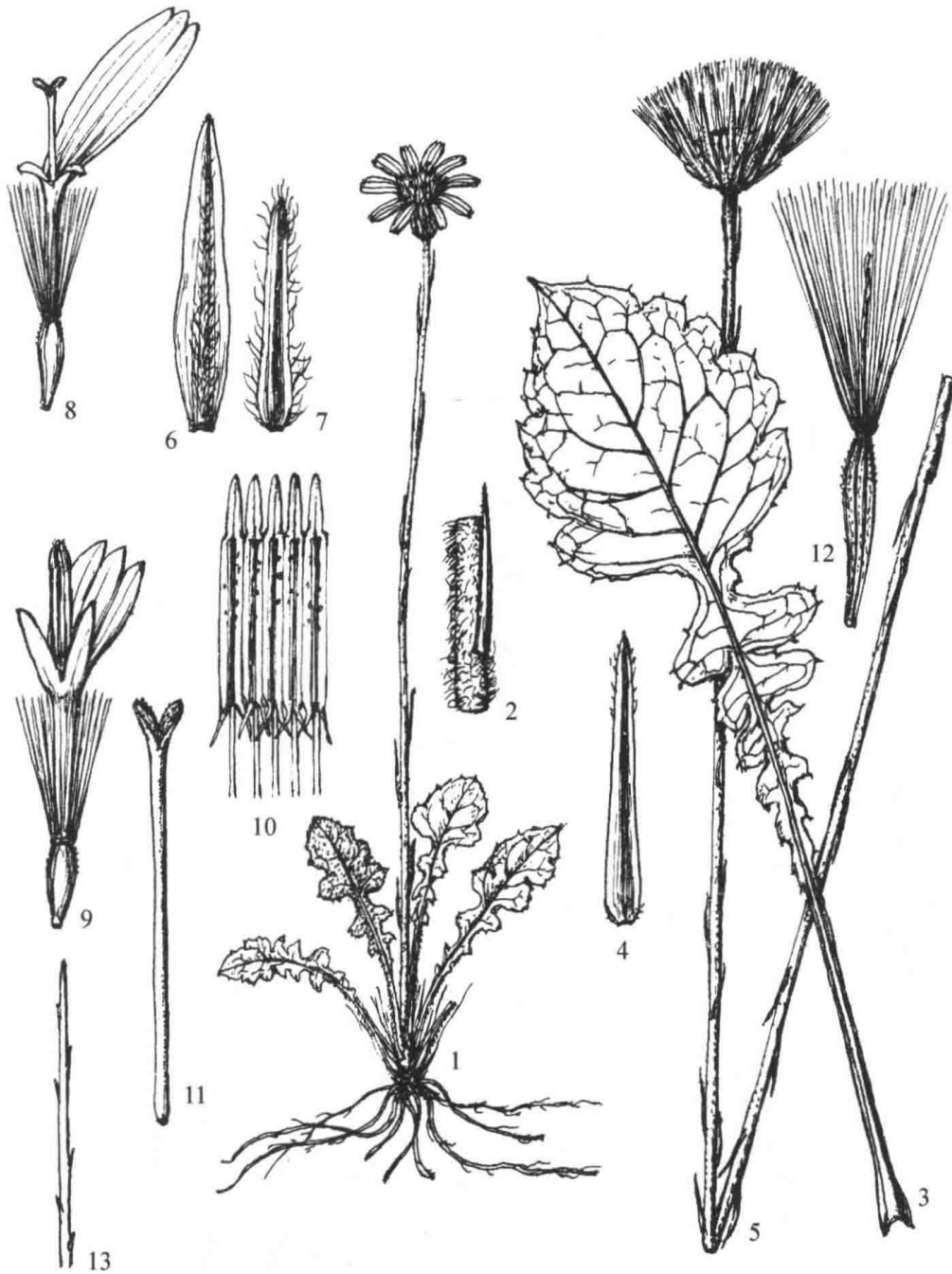


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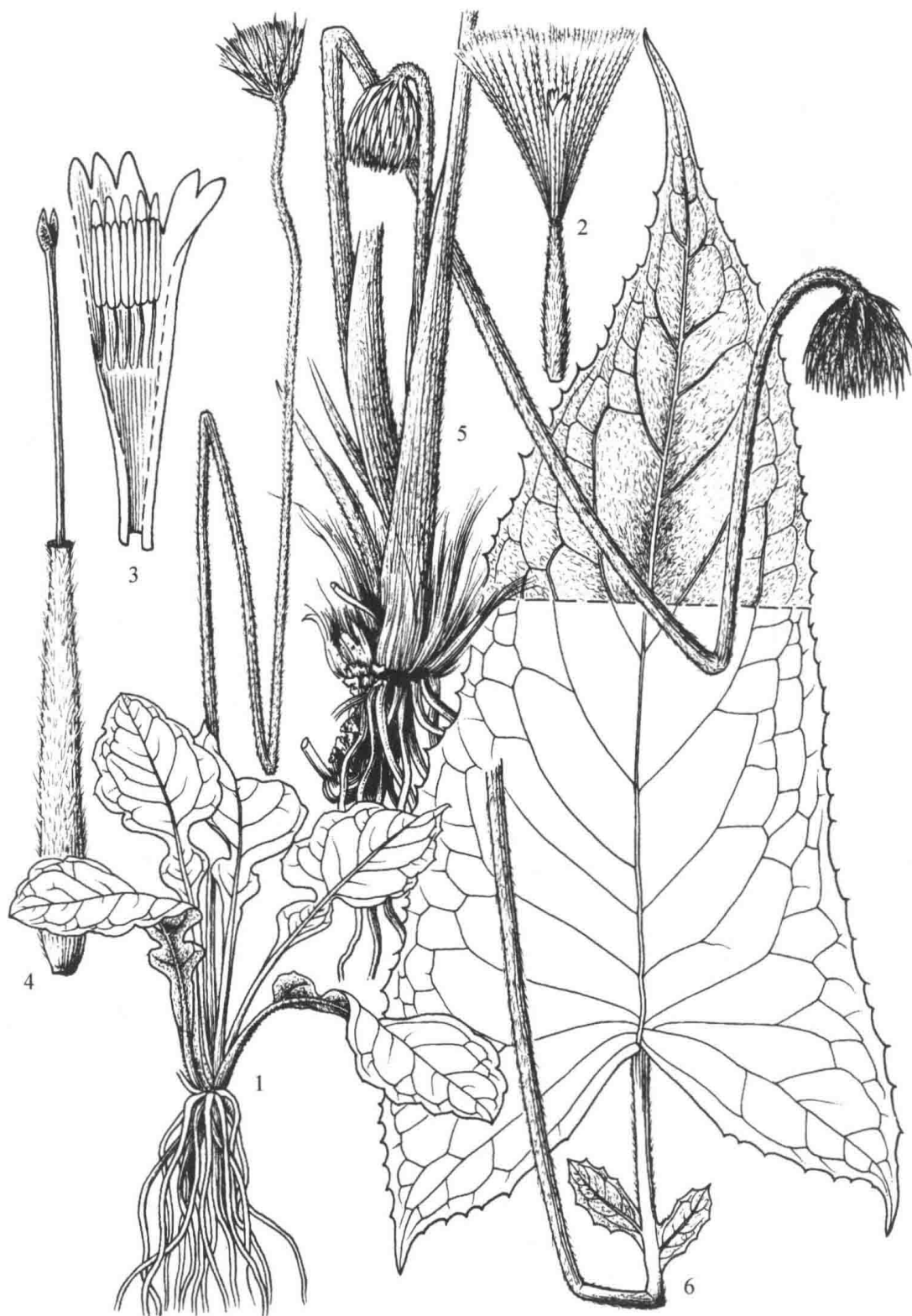


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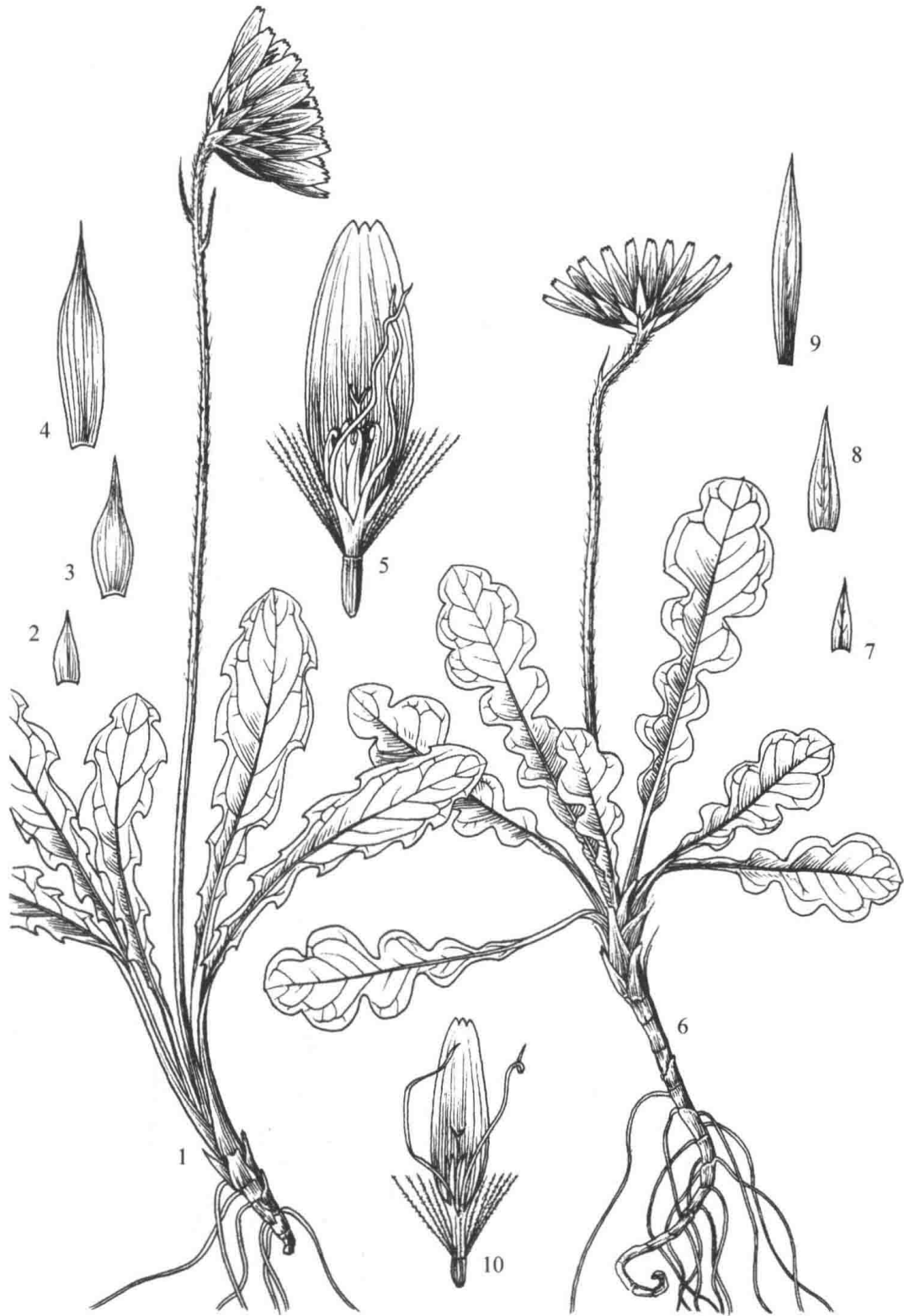


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