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封面说明: 兰科(Orchidaceae)隶属于被子植物单子叶植物纲微子目,是单子叶植物第一大科。全球约800属28000种。主要分布于热带地区和亚热带地区,少数种类也见于温带地区。我国有174属1400余种以及许多亚种、变种和变型,主要分布在长江以南诸省区,少数种类在西北、东北和华北地区也有分布。多数兰科植物如国产的兰属、万带兰属、石斛属、蝴蝶兰属、兜兰属等为重要花卉,具有较高的观赏价值;天麻、白芨、独蒜兰等至今仍供药用;香果兰属中有少数种类可提取香精,具有较高的经济价值。此外,多数兰科植物已被列为国家保护植物。因此,加强兰科植物资源的保护和合理开发利用尤为重要。

照片示: 兰科代表性植物。1. 紫斑兰; 2. 大苞鞘石斛; 3. 宽口杓兰; 4. 林芝曲唇兰。照片由西藏农牧学院西藏兰科植物资源中心提供。(相关内容详见本期正文482~486页李孟凯等的文章)

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Cover images: Selective presentation of Orchidaceae plants. **1.** *Hemipiliopsis purpureopunctata*; **2.** *Dendrobium wardianum*; **3.** *Cypripedium wardii*; **4.** *Panisea panchaseensis*. Cover images are provided by the Orchid Conservation Center of Tibet, Resources & Environment College, Tibet Agriculture & Animal Husbandry University. (For detail, please see the text by Li Mengkai et al. on page 482 – 486)

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