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植物化学与化学生物学

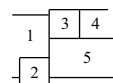
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封面说明: 玫瑰(*Rosa rugosa*)是蔷薇科(Rosaceae)蔷薇属(*Rosa*)落叶灌木,原产于中国,具有悠久的栽培历史。我国栽培的玫瑰品种极为丰富,有重瓣、单瓣、复瓣的品种类型,包括‘苦水玫瑰’‘墨红玫瑰’‘保加利亚白玫瑰’‘紫枝玫瑰’等。玫瑰享有“花中皇后”“爱情之花”的美誉,被列为我国二级重点保护植物,是重要的园林观赏植物,具有观赏、经济、生态和食用等功能。花色是玫瑰重要的表型特征和鉴赏标准,会直接影响其观赏效果与商业价值,通过对不同品种玫瑰花色物质的代谢组学分析,可促进玫瑰在园林绿化中的应用。

照片示: 部分代表性玫瑰品种。1. 大马士革; 2. ‘丰花玫瑰’; 3. ‘墨红玫瑰’; 4. ‘苦水玫瑰’; 5. ‘保加利亚白玫瑰’。封面照片由魏丽琴提供。相关内容详见本期正文 281~290 页魏丽琴等的文章。



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Cover images: Selective presentation of rose varieties. 1. *Rosa damascena*; 2. *Rosa rugosa* ‘Feng Hua’; 3. ‘Rosa Crimson Glory’; 4. ‘*Rosa rugosa* × *Rosa sertata*’; 5. ‘Rosa alba’. Cover images are provided by WEI Liqin. For details, please see the text by WEI Liqin et al. on pages 282–290.

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