研究简报

昆明地区冬樱花开花生物学习性的初步研究

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摘要　　冬樱花作为冬花树种，有很高的观赏和药用价值，对蔷薇科樱桃属的冬樱花（*Prunus majestica*）的开花生物学习性进行了初步研究，就开花与温度，叶片数和落叶早迟的关系进行了研究。结果表明，在昆明地区平均温度越高，开花数越多，开花百分率越高，落叶早迟也影响开花，落叶早，开花越早，但花期持续时间越短。结果还表明，始花期、开花总量、开花持续时间与叶片总数、树冠投影叶面积系数都相关。

Preliminary Study on the Blossom Biotogical Properties of *Prunus majestica*

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Abstract

 The relation of blossom with temperature, the sum of leaves and the time of falling leaves of *Prunus magestica* Koehne were studied in this paper. The results showed that higher the average temperature was, the more the blossoms were, and then the percentage of blossoming was higher. Blossom was also affected Falling leaves early or late. The earlier the deciduous leaf was, the earlier blossoming was, and the shorter the florescence duration was.The data also indicaes that the sum of leaves, the leaf area modulus of projection of crown of trees and early flowering, total amount of blossoming, and the duration of blossoming were all correlated.

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