

Climbing Ornamental Plant Used in Indoor Design

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SUMMARY

Houseplants, also called indoor plants, brighten up your home or office. Indoor gardening is just as fun as having an outdoor garden. In fact, indoor plants not only help clean the environment around them, but they act as a quick decorating tool. The benefits of indoor gardening are numerous. Indoor plants reduce components of indoor air pollution, particularly volatile organic compounds (VOC) such as benzene, toluene, and xylene. The compounds are removed primarily by soil microorganisms. Plants can also remove CO₂, which is correlated with lower work performance, from indoor areas (Tarran *et al.*, 2007). The effect has been investigated by NASA for use in spacecrafts (Wolverton, 1988). Plants also appear to reduce airborne microbes and increase humidity. Indoor plants also brighten the room, providing a cheerful sight for those grey and often dreary winter days. And, another big benefit of indoor gardening is there is nothing more relaxing than gardening. Indoor plants are an important part of decor in homes, offices and other buildings. Many plants in your indoor houseplants make for good outdoor garden in the summer too. A large number of plants can be grown indoors as houseplants. There are flowering types or non-flowering types. Good examples of these are Ficus, Palm, Cactus, Saintpaulia, Basil and Parsley which can survive in the more limited light conditions of your home. More than ever ornamental flowers are a part of our life, from simply decorating the house we live in, to beautiful bouquets on our wedding day. We are witnessing today in our country to a considerable increase in consumption of ornamental plants to decorate homes and yards (Cantor, 2008). Some species of climbing flowers are known and used all over the world due to the beauty and ability to decorate. In this paper were presented five species of climbing flowers and the way they can be used in indoor design. These five species are: *Dipladenia sanderi*, *Hoya sp.*, *Jasminum officinale*, *Passiflora caerulea* and *Stephanotis floribunda* and were obtained from exchanges with United States of America and South Korea. The plants were chosen based on their beautiful shape, flowers, colors and perfume and were studied at the USAMV Cluj-Napoca didactic greenhouse. Based on the observations made on plants will be recommended some ways to use these species in interior design, in order to spread it among consumers

Keywords: houseplants, indoor air, indoor design, air pollution, containers

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