

and spaces at shopping malls; and it is perfect for semi-wild urban park lands.

*Colutea* × *media* is probably a hybrid of *C. arborescens* of Southern Europe and *C. orientalis* of Asia. It is hardy to approximately 10°F. *Colutea* grows quickly into a rounded upright shrub 6 to 10 ft tall. At the Arnold Arboretum, peak flowering occurs in mid-May with scattered blossoms appearing throughout the summer. Flowers are pea-shaped and range in colors from the typical butter yellow to those which blend through markings or tints of copper, pink or reddish-brown. Flowers are followed by large, thin walled, inflated pods which exhibit colors of solid lime-green to those richly tinted with pinks and bronze. The seed pods are highly ornamental from June through early September, then they begin to ripen and turn straw-brown in color. The ornamental qualities of these inflated bladders compete successfully for attention with many flowering shrubs.

Seeds are prevented from germination by a hard seed coat which can be overcome by mechanical scarification, or with a 1-hour sulfuric acid bath, or by steeping the seeds in hot water for 24 hours. Seedlings germinate quickly and grow rapidly. Plants develop a thin, rangy root system which makes transplanting difficult. However, they might adapt to container culture and a fruiting plant in a container should have great sales appeal for garden centers.

In the landscapes bladder-senna thrives in the poorest, most infertile soils and at sites subject to high levels of atmospheric pollutants. They will not tolerate much shade nor heavy, poorly-drained soils. They are reported to be subject to attack by aphids. Presentation of plants in more manicured and refined landscape spaces is enhanced by tightening up growth with rejuvenation pruning in early spring.

If individuals with superior ornamental characteristics occur in your seed lots they can be maintained vegetatively by cuttings.

### **Thursday Evening, December 16, 1982**

The thirty-second annual banquet was held in the Ambassador Ballroom West of the Amway Grand Plaza Hotel, Grand Rapids, Michigan.

On behalf of the Society, a graduate student award was presented to Mr. Fred Miller and his advisor, Dr. Frank Blazich, North Carolina State University, Raleigh, North Carolina.

### **AWARD OF MERIT**

Presented by Ralph Shugert

This award exemplifies the true meaning of our beloved Society's motto "to seek and to share", because truly the award this evening goes to two loyal, devoted, and dedicated IPPS, Eastern Region members. My words this evening are not going to be lengthy. Although those of you who know me may find that statement hard to believe. The brevity of words in no manner is intended to reduce the magnitude of the meaning of the award to the recipients.

Undoubtedly, some in the room tonight must wonder what is an Award of Merit? In one word it is appreciation. It is the

method by which the Eastern Region recognizes the contribution of individual members within the Society. This is appreciation for excellent research shared with members, or for a commercial propagator who shared a technique to increase the rooting success with a particular plant. The appreciation is also acknowledgement of service. The timeless extra hours that few people are aware of, such as, committee assignments, a phone call to help a fellow propagator with a serious immediate problem, and the willingness to do what needs to be done at that time.

Tonight we are all honored to be a part of a happy and joyous moment to share this prestigious award with two gentlemen this evening. For the benefit of our guests, our Society is a harmonious blend of the academic and commercial. Coincidentally this evening our two recipients also reflect this blending. It is unique in the history of our Society that two awards are shared with two segments of our organization.

I am proud to present this highest honor we have to two loyal devoted Society members tonight. To avoid confusion I am proceeding in an alphabetical order and promise just a few words. The first gentlemen I would ask to come forward is a person who has done unique and inspiring deeds for the Society. He is only the second person to serve two terms as president of the Eastern Region, the other being Jim Wells! He is also the only person to have served two terms as president of the International Board. He is dedicated, intelligent, caring, and also a close friend. Larry Carville, Tolland, Connecticut — would you come forward please?

The second recipient is also a past president of the Eastern Region. He has spent his life teaching and watching former students grow in the industry. Dr. John McGuire — will you please come up?

**Friday Morning, December 17, 1982**

Leonard Stoltz served as moderator of the morning session

**CONSTRUCTING AND MAINTAINING DISEASE-FREE  
PROPAGATION STRUCTURES**

CARL ORNDORFF

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The intent of this paper is to assist propagators of woody plants in designing propagation facilities, correcting problems