

木犀属品种国际登录中心年报(2) Annual Report ICRCO 2014(2)

桂花3个新品种

Three new cultivars of *Osmanthus fragrans*

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在桂花产业化发展进程中,不断涌现出一些新的品种,其中有的枝叶浓密,树姿优美;有的开花繁多,色泽艳丽。及时推广和应用这些新品种,对我国的园林绿化建设,美化环境可发挥重大作用。在此,介绍桂花丹桂品种群中的3个新品种。

In recent years, with the development of sweet osmanthus industrialization, there have been continuous emergences of new cultivars, some of which have beautiful leaves; some of which blossom with dense, gorgeous colors. In the construction of landscape and beautiful environment of our country, timely promotion and application of these new cultivars will play a major role. Therefore, three new cultivars of *Osmanthus fragrans* Aurantiacus Group are systematically introduced and discussed in this paper

1. ‘胭脂红’ *Osmanthus fragrans* ‘Yanzhi Hong’ new cult.

Small tree to 5 m tall, trunk upright, crown nearly spheroid. Young twig yellowish green. Leaves elliptic or elliptic-lanceolate, (11–13) cm × (4–5) cm, base wide cuneate or rounded, apex acute or acuminate, margin entire or with sparse serrulate above the middle, secondary veins 10–13 pairs, reticulate vein obvious. Petioles 1–1.4 cm, purple red while young, then yellowish green.

Flower buds 2–3 pairs on per node, each bud with 5–8 fl., pedicels 1–1.5 cm, yellowish green, corolla nearly spreading, about 10 mm in diam., lobes elliptic or obovate-elliptic, about 4 mm long, pale yellow at beginning, then into rouge red (RHS–CC 74A–B), stamen 2, pistils developed. Blooming from last ten days of Sept. to first ten days of Oct., blooming period last about 10 days (see Fig. 1–1,2).

In 2002 year, from chance seedlings was selected this new outstanding cultivar by Zhejiang Jinhua Huanan Osmanthus Research Institute Mr. Bao Zhixian, and that flower color is unique, blooming period longer, up to ten days. Registration No. 0013.

小乔木,高达5 m,主干直,树冠近球形。幼枝黄绿色。叶椭圆形至椭圆状披针形,长11~13 cm,宽4~5 cm,先端尖或渐尖,基部宽楔形或近圆形;全缘或中部以上有稀疏锯齿;侧脉10~13对,细网脉明显。叶柄长1~1.4 cm,幼时紫红色,后呈浅黄绿色。

每节具花芽2~3对,每1芽有花5~8朵;花梗长1~1.5 cm,黄绿色;花冠近平展,径约10 mm,花冠裂片4,倒卵状椭圆形,长4 mm;花初开时呈淡黄色,后变成胭脂红色,花期9月下旬至10月上旬,花期长达10 d (RHS–CC, 74A–B);雄蕊2,子房发育,可结实(图1)。

该品种由浙江金华华安桂花研究所鲍志贤先生从大量的桂花播种苗中选育获得,2002年开始发现其花色独特,呈胭脂红色,开花时间也较其他桂花的花期长(达10 d左右)。经扦插或嫁接繁殖的幼株,现在也已开花,其性状和母株表现一致。该新品种的登录号为:0013。



图1-1 ‘胭脂红’(盛花)



图1-2 ‘胭脂红’(母本)

2. ‘金橙’ *O. fragrans* ‘Jin Cheng’ new cult.

Small tree to 7–8 m tall, crown nearly spheroidal, bark grey white, dense orbicular lenticels, deep brown, branch strong upright, deep brown, young twigs yellowish brown. Leaves elliptic or oval-elliptic, (6–8) cm × (2.5–3.2) cm, base wide cuneate, apex acute, margin entire or sparse serrulate, surface slight inflexed, like ‘V’, surface deep green, back greenish, secondary veins 5–6 pairs, obvious. Petiole 6–8 mm, slight purple red.

Flower twigs 10–15 cm long, nodes dense, distance 1–1.2 cm, flower bud 2–3 pairs at per node, each bud with 6–8 fl., flower small, 5–7 mm diam., orange (RHS–CC 24A–25B), corolla lobe elliptic, (2.5–3) mm × 2 mm, stamen 2, pistil abortive. Blooming from first ten days to middle ten days of Oct., last about 10 days (see Fig. 2–1,2,3).

This new outstanding cultivar selected and bred by Zhejiang Tengtou Landscape Co. LTD. The main characters is rapid growth, crown delicate, blooming flowers dense and period longer. Registration No. 0021.

(转封三)

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小乔木,高7~8 m,树冠近球形,树皮灰白色,密生深褐色圆形皮孔。枝直立性较强,深褐色,当年生枝淡黄褐色,分枝较密。叶长椭圆形或卵状椭圆形,长6~8 cm,宽2.5~3.2 cm,先端尖,基部宽楔形,全缘或具稀疏锯齿,叶面微内折,呈V形,具微皱,上面深绿色,背面浅绿;侧脉5~6对,明显。叶柄长6~8 mm,略带紫红色(图2)。

花枝长10~15 cm,节间密,间距1~1.2 cm。每节有花芽2~3对,每芽具花6~8朵,花小,直径5~7 mm,橙黄色(RHS-CC,24B-25A);花冠裂片椭圆形,长2.5~3 mm,宽2 mm;雄蕊2;子房退化,不结实。

该品种是浙江滕头园林有限公司选育而成。其特点是生长较快,分枝繁茂,树冠形状优美,开花多,花期较长,是一种优良的栽培新品种。该新品种的登录号为:0021。



图2-1 '金橙'(盛花)



图2-2 '金橙'(初花)



图2-3 '金橙'(树型)

3. '浦城丹桂' *O. fragrans* 'Pucheng Dangui' new cult.

Tree to 15 m tall, bark grey brown, crown ovoid or oblate, growth rapid, strong vigorous. Leaves long elliptic or elliptic-lanceolate, (9-16 (18.5)) cm × (2.5-4(5)) cm, base anguste cuneate, apex acuminate, margin dense serrulate or entire, sinuate, secondary veins 7-9(11) pairs, impressed, surface green, crisped, petioles 9-12 mm, green-yellow or purplish red.

Flower twigs 18-30(35) cm long, flower buds 1-2 pairs per node, each bud with 6-7(8) fl., pedicel 5-8 mm long, yellowish green, corolla inclined, 5-8 mm diam., orange red (RHS-CC 25A-B), corolla lobes oblong, 3 mm long, stamen 2, pistils abortive. Blooming from last ten days of Sept. to first ten days of Oct. (see Fig. 3-1,2).

This cultivar was original at the mountain area of north Fujian. The reporting unit is Forestry Science and Technology Popularizing Center of Pucheng Xian. Now it cultivated widely in Fujian, South Zhejiang and Jiangxi Province. Registration No. 01001.



图3-1 '浦城丹桂'(盛花)



图3-2 '浦城丹桂'(树型)

小乔木或灌木,高达15 m,树冠卵形或扁球形,长势旺,生长快。树皮灰褐色。叶长椭圆形或椭圆状披针形,长9~16(18.5) cm,宽2.5~4(5) cm,先端长渐尖,基部宽楔形,边缘具细锯齿或全缘,侧脉7~9(11)对,上面凹陷,边缘常呈波状起伏,微皱缩,上面深绿色,有光泽。叶柄长9~12 mm,黄绿色或淡紫红色。

花枝长18~30(35) cm,每节有花芽1~2对,每芽有花6~7(8)朵,花较密集;花梗长5~8 mm,黄绿色;花橙红色(RHS-CC,25A或B),花冠斜展,径6~8 mm;裂片矩圆形,长约3 mm;雄蕊2枚,雌蕊败育。花期9月下旬至10月上旬(图3)。

该品种起源于福建浦城,在闽北山区广为栽培。近年来在浙江南部以及江西均有引种。2005年经鉴定为新品种并命名,2007年由浦城县林业科技推广中心申请新品种国际登录。登录号为:01001。

参考文献:

- [1] 向其柏, 刘玉莲. 中国桂花品种图志[M]. 杭州: 浙江科学技术出版社, 2008.
- [2] Brickell C D, Baum B R, Hetterscheid W L A, et al. International code of nomenclature for cultivated plants(7th ed.) [G]// Acta Horticulturae 647. Belgium: ISHS, 2004.
- [3] 向其柏, 臧德奎, 孙卫邦, 译. 国际栽培植物命名法规[M]. 北京: 中国林业出版社, 2006.
- [4] Xiang M, Duan Y F, Xiang Qibai, et al. A new cultivar group of *Osmanthus fragrans* [G]// Proceeding of International Conference on Germplasm of Ornamentals (abstract). Belgium: ISHS, 2012.