

木犀属品种国际登录中心年报(4) Annual Report ICRCO 2014(4)

华东地区桂花3个新品种

Three new cultivars of *Osmanthus fragrans* from East China

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近年来,在桂花产业化发展进程中,不断涌现出一些新的品种,及时推广和应用这些新品种,对我国园林绿化建设和环境美化将发挥重大作用。该文介绍了来自华东地区的3个桂花新品种。

In recent years, with the development of Chinese sweet osmanthus industrialization, there have been continuous emergences of new cultivars. Promotion and application of these new cultivars timely will play a major role in the construction of landscape and beautiful environment of our country. Three new cultivars from East China are introduced in this paper.

1. ‘华安天香’ *Osmanthus fragrans* (Asiaticus Group) ‘Huaan Tianxiang’ new cult.

Shrub or small tree to 5 m tall, crown ellipsoid, bark grey, medium vigorous. Branches dense, nearly upright, young shoots purplish red, lenticels dense. Leaves 2-shaped, those at spring shoots late elliptic or nearly rounded, 7–8 cm long, 4–5.5 cm wide, base rounded, apex cuspidate, margin entire; those at autumn shoots ovate or ovate-elliptic, (5)7–12 cm long, 3–4.5 cm wide, dark green, blade crinkle, “V”-shaped, apex acuminate or acute, base rounded or wide cuneate, margin serrulate; secondary veins 6–8 (10) pairs; petiole stout, 5–8 (10) mm long. Young shoots and leaves purple-reddish.

Flower buds 2–3 pairs per node; peduncle stout, 0.5–5 cm long, usually purple-reddish, lenticels dense, yellow white; pedicels 1–1.5 (4) cm long. Corolla broad campanulate, 1–2.5 cm diam., orange yellow or orange red (RHS-CC 21 A–B); corolla lobes 4, rarely 3 or 5, sometimes doubled with 2–3-wholed, ovate, 4–5 (9) mm long and 3.5–5 (8) mm wide; stamens 2, rarely 3–4; pistils abortive, petal-like or leaf-like, often becoming leaves or branchlets after blooming. Blooming in September to November, and March to May next year.

This new cultivar was selected and bred by Mr. Bao Zhixian in Jinhua city, Zhejiang province. It is similar to ‘Tianxiang Taige’, but its flower color often orange yellow or orange red is different. Registration No.0014.

灌木或小乔木,高达5 m;幼树树冠椭圆形,树皮灰白色,长势中等。分枝较密,直立性强,幼枝紫红色,密生皮孔。叶二型:春叶宽椭圆形或近圆形,长7–8 cm,宽4–5.5 cm,革质,质地硬;基部圆形;先端突尖;全缘。秋叶卵形或卵状椭圆形,长(5)7–12 cm,宽3–4.5 cm;长宽比约2.3;叶面深绿色,微褶皱,略内折成“V”形;先端渐尖或急尖;基部圆形或宽楔形;叶缘有细锯齿;侧脉6–8 (10)对,上面明显下陷,下面隆起;叶柄粗壮,长5–8 (10) mm。新梢和嫩叶紫红色。

每节有花芽2–3对叠生;圆锥花序的总梗粗壮,长0.5–5 cm,常紫红色,密生黄白色的突起皮孔;花梗长1–1.5 (4) cm。花大型,直径1–2.5 (3) cm,尤其在花朵较少时花朵较大,香味浓郁;花冠阔钟形,花色橙黄色或橙红色(RHS-CC 21A–B)。花冠深裂,具4裂片,稀3或5裂片,有时有重瓣现象,花冠2–3轮;花冠裂片常内扣,肉质且肥厚,卵圆形,长4–5 (9) mm,宽3.5–5 (8) mm,略呈舟状;雄蕊2,偶3–4;雌蕊完全败育,呈花瓣状或绿叶状,花后可成小叶或发育小枝。盛花期为秋季9–11月和春季3–5月,冬季在室内可开花,夏季有少量花开。

该品种是由浙江金华华安桂花研究所鲍志贤选育成功的,其特性稳定,一年开花长达300 d,在5–8月间花量较少,但花冠较大。它与‘天香台阁’品种相近,但其花色深,为橘黄至橘红色。国际登录号No.0014。



(转封三)

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2. ‘梅园白’ *Osmanthus fragrans* (Albus Group) ‘Meiyuan Bai’ new cult.

Tree, up to 8 m tall, crown spheroid, bark dark grey, lenticels dense and big, rounded, vigorous. Leaves broadly elliptic, 11–12.3 cm long, 4.0–4.5 cm wide, lustrous, smooth; base broadly cuneate, apex acuminate, recurved, margin entire or slightly serrate near apex, secondary veins 9–10 pairs, reticulate veins obvious. Petiole 1.0–1.2 cm long, yellowish green. Young leaves purple–reddish.

Flower twig 4–5 nodes having flower buds, each node bear 1–2(3) pairs buds, 5–7 flowers in each bud; corolla broadly campaniformis to explanate, 6–7 mm in diameter, white, lobes oblong, 2–3 mm long, 1.6–2 mm wide; stamens 2; pistil degenerated. Pedicels fairly short, 5–7 mm long, light green. Blooming 2 times a year, from early to middle October (Wuxi city).

Place of origin: Wuxi city, Jiangsu province.

Diagnosis: Leaves broadly elliptic; flower white in early blossoming.

乔木, 高8 m。树冠圆球形, 长势强。树皮暗灰色, 开裂。皮孔大, 圆形, 较密集。1年生枝条7.5–10.5 cm, 节数3–4, 平均节间2.3 cm。叶宽椭圆形, 长11–12.3 cm, 宽4.0–4.5 cm, 叶面平展, 有光泽, 基部宽楔形, 先端渐尖, 下弯; 叶缘全缘, 中上部密生疏锯齿; 侧脉9–10对, 网脉明显。叶柄长1.0–1.2 cm, 黄绿色。新叶紫红色。花芽节数3–4, 每节有花芽1–2(3)对, 每花序有花5–7朵, 着花稀疏。花梗长5–7 mm, 斜上或下垂, 绿白色。花初开时即为近白色, 花径6–7 mm。花冠阔钟型至平展。花冠裂片矩圆形, 长2–3 mm, 宽1.6–2.0 mm。雄蕊2, 雌蕊退化, 子房细小。每年开花2次, 花期10月上旬至10月中旬。

该品种为2003–2005年桂花品种资源调查过程中在无锡梅园发现。经多年园林栽培, 其性状表现稳定、一致。识别要点: 叶片宽椭圆形, 花初开时即为近白色, 花冠阔钟型至平展。



3. ‘竹叶银桂’ *Osmanthus fragrans* (Albus Group) ‘Zhuye Yin’ new cult.

Tree, to 10–12 m tall, crown spheroid, bark dark grey, lenticels dense, rounded, vigorous. Leaves linear–lanceolate, 9.8–12.2 cm long, 2.4–3.5 cm wide, smooth and rigid, base cuneate, not decurrent, apex acute to acuminate, margin entire, secondary veins 9–10 pairs, reticulate veins obvious, deep green and lustrous. Petiole 0.9–1.1 cm long, yellowish green. Young leaves yellowish green.

Flower twig having 4–5 nodes, each node with 1–2 pairs flower buds, each bud bear 6–9 flos. Blossom dense, strong scented. Flowers milky white (RHS–CC 4A–4B); corolla broadly campanulate, 7–8 mm in diameter; lobes 4(3), obovate–oblong, ca. 3 mm long, 2 mm broad; stamens 2, pistil degenerated; pedicels 6–10 mm long, yellowish green. Blooming in late September to early October (Wuxi city).

Place of origin: Wuxi city, Jiangsu province.

Diagnosis: Leaves long and narrow, deep green and smooth, resembling bamboo leaves.

乔木, 高10–12 m, 树冠圆球形, 树皮开裂, 暗灰色, 皮孔圆形, 较密集, 生长势强。1年生枝条长9–12 cm, 节数4–5, 平均节间2.1 cm。春梢新叶黄绿色。叶条状披针形, 墨绿色, 有光泽。叶片长9.8–12.2 cm, 宽2.4–3.5 cm, 叶片平展且挺。叶基部楔形, 不下延。先端急尖或长渐尖, 叶边全缘, 侧脉9–10对, 网脉明显。叶柄长9–11 mm, 黄绿色。花芽节数4–5, 每节有花芽1–2对, 每花序有花6–9朵, 着花繁密, 浓香。花梗长6–10 mm, 斜上, 黄绿色。花色乳黄色(RHS–CC 4A–4B)。花径7–8 mm, 花瓣数4, 偶3。花冠斜展, 阔钟状。花冠裂片倒卵状矩圆形, 长约3 mm, 宽约2 mm。雄蕊2, 雌蕊退化, 子房细小。花期9月下旬至10月上旬。

该品种为2003–2005年桂花品种资源调查过程中在无锡梅园发现。经多年园林栽培, 其性状表现稳定、一致, 识别要点: 叶片狭长, 墨绿色, 平展, 似竹叶。



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