

## Plant of the Week

# *Callistemon* and *Melaleuca* Bottlebrushes, Paperbarks and Honey Myrtles



**Crimson Bottlebrush**  
*Callistemon citrinus*

There often seems to be some confusion about *Callistemon* (Bottlebrushes) and *Melaleuca* (Honey Myrtles and Paperbarks). How do you tell them apart?

Both belong to the **Myrtaceae**, a family comprising trees, shrubs and mallees. All have simple, aromatic leaves dotted with oil glands that are usually easily seen if you hold a leaf up to the light. There are two main groups within the **Myrtaceae**: the first comprises mostly rainforest trees that have succulent fruits; the second group, found in drier environments, has woody fruits (capsules). *Callistemon* and *Melaleuca* belong in the latter group. Many genera also have numerous, conspicuous stamens, as do *Callistemon* and *Melaleuca*. Australia has about 1,400 species of Myrtaceae in ~ 70 genera, but you can also find Myrtaceae in tropical and temperate parts of the world, particularly South America and Malesia, so you can see this family has a particularly southern hemisphere distribution.



**Red Flowering Paperbark**  
*Melaleuca hypericifolia*

How do you tell *Callistemon* from *Melaleuca*? If you look closely at the 'flowers' you will see that each 'brush' consists of many small, individual flowers with relatively inconspicuous sepals and petals. Now, here's the difference. Both have an abundance of long, showy stamens; those of the *Melaleuca* are fused into five bundles or 'claws', those of *Callistemon* are attached only at the base.

Just now you can see many species and varieties of red Bottlebrushes (*Callistemon*) flowering on campus. The **Green Flowered Bottlebrush** (*Callistemon pinifolius*) and **Red Flowering Paperbark** (*Melaleuca hypericifolia*) can be seen outside student housing in Waterloo Road. The pristine white **Snow-in-Summer** (*Melaleuca lineariifolia*) is flowering along the creek near Research Park Drive and also just near the Gym.



**Snow-in-Summer**  
*Melaleuca lineariifolia*



*Alison Downing & Kevin Downing, 7.11.2010*

(唐爱森, 唐科文 - 2010年11月7日)

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**Green Flowered Bottlebrush**  
*Callistemon pinifolius*