**Table S1: Comparison of major classifications of Family Lamiaceae**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bentham****(1876)** | **Briquet****(1895-1897)** | **Erdtman****(1945)** | **Wunderlich****(1967)** | **Cantino *et al.*****(1992)** | **Harley *et al.*****(2004)** |
|  | Subfam.Lamioideae |  |  | Subfam. Symphorematoideae |
| Subfam. Viticoideae | Subfam. Viticoideae |
| Subfam. Chloanthoideae |  |
|  Tribe Prostanthereae | Subfam. Prostantherioideae | Subfam. Prostantherioideae | Subfam. Prostantherioideae | Subfam. ProstantherioideaeTribe ChloantheaeTribe Westringieae |
| Tribe Prasieae | Subfam. Prasioidea |  |  |  |
| Tribe Ajugeae | Subfam. AjugoideaeTribe AjugeaeTribe Rosmarineae | Subfam. Ajugoideae | Subfam. Ajugoideae | Subfam. Ajugoideae |
|  |  |  | Subfam. Teucrioideae |  |
| Tribe LamieaeSubtr. ScutellariinaeSubtr. MelittidinaeSubtr. LamiinaeSubtr. Marrubinae | Subfam. Scutellarioideae | Subam. ScutellarioideaeSubfam. LamioideaeTribe LamieaeSubtr. MelittidinaeSubtr. LamiinaeTribe MarrubieaeTribe Prasieae | Subfam. Scutellarioideae | Subfam. Scutellarioideae |
| Subfam. LamioideaTribe PerilomieaeTribe LamieaeSubtr. PrunellineaeSubtr. MelittidinaeSubtr. LamiinaeTribe Marrubieae | Subfam. Lamioideae | Subfam. Lamioideae |
|  |
|  | Subfam. Pogostemonoideae |  |
| Tribe Nepeteae | Tribe Nepeteae | Subfam.Nepetoideae | Subfam. NepetoideaeTribe Nepeteae | Subfam. Nepetoideae | Subfam. Nepetoideae |
| Tribe Salvieae  | Tribe SalvieaeTribe MeriandreaeTribe Monardeae | Tribe SalvieaeTribe MeriandreaeTribe Monardeae |  |  |
| Tribe MentheaeSubtr. PogostemoninaeSubtr. OriganinaeSubtr. MelissinaeSubtr. Hormininae | Tribe PogostemoneaeTribe MentheaeSubtr. HyssopinaeSubtr. OriganinaeSubtr. MenthinaeSubtr. CollinsonlinaeSubtr. MelissinaeTribe GlechoneaeTribe HormineaeTribe Lepechinieae | Tribe ElsholtzieaeTribe MentheaeSubtr. HyssopinaeSubtr. OriganinaeSubtr. MenthinaeSubtr. CollinsonlinaeSubtr. MelissinaeTribe PrunelieaeTribe GlechoneaeTribe HormineaeTribe Lepechinieae | Tribe ElsholtzieaeTribe Mentheae | Tribe ElsholtzieaeTribe MentheaeSubtr. MenthinaeSubtr. SalviinaeSubtr. Nepetinae |
| Tribe OcimeaeSubtr. LavandulinaeSubtr. Plectranthinae | Subfam. LavanduloideaeSubfam. Ocimoideae Subtr. HyptidinaeSubtr. PlectranthinaeSubtr. Ociminae | Tribe RosmarineaeTribe LavanduleaeTribe OcimeaeSubtr. HyptidinaeSubtr. PlectranthinaeSubtr. Ociminae | Tribe LavanduleaeTribe Ocimeae | Tribe OcimeaeSubtr. HyptidinaeSubtr. PlectranthinaeSubtr. OciminaeSubtr. LavandulinaeSubtr. Hanceolinae |
|  | Subfam. Catoferioideae | Subfam. Catoferioideae |  |  |