

Supplementary Table S1: Reported phytochemicals with anti-cholinergic activity.

Sr.	Plant Species	Common Name	Example Anticholinergic Compounds
1	<i>Citrus limon</i>	Lemon	Limonene, 1,8-cineole, linalool, terpinen-4-ol, α -terpinene, carvone, naringenin, <i>p</i> -cymene [1]
2	<i>Lawsonia inermis</i>	Henna	Hexane, chloroform, ethanolic and methanolic extracts [2,3]
3	<i>Eucalyptus globulus</i>	Eucalyptus	1,8-Cineole, α -terpinene, carvone, limonene, linalool, menthol, naringenin, <i>p</i> -cymene, terpinen-4-ol, viridiflorol [1]
4	<i>Ocimum basilicum</i>	Basil	1,8-Cineole, α -terpinene, carvone, elemol, limonene, linalool, menthol, menthone, <i>p</i> -cymene, terpinen-4-ol [1]
5	<i>Citrus reticulata</i>	Mandarin	Naringenin, 1,8-cineole, α -terpinene, carvone, limonene, elemol, linalool, <i>p</i> -cymene, terpinen-4-ol [1]
6	<i>Mentha spicata</i>	Mint	Menthol, menthone, (+)-piperitenone-oxide, (+)-pulegone, 1,8-cineole, α -terpinene, carvone, elemol, limonene, linalool, <i>p</i> -cymene, piperitenone, pulegone, terpinen-4-ol, viridiflorol [1]
7	<i>Bombax ceiba</i>	Red silk-cotton	Ethanol, hexane and methanolic extracts [4,5]

References

1. Duke, J.A. *Dr. Duke's Phytochemical and Ethnobotanical Databases*. 2016 (accessed 28/09/2020); Available from: <https://phytochem.nal.usda.gov/phytochem/search/list>.
2. Rajesh, V., et al., *Memory enhancing activity of Lawsonia inermis Linn. leaves against scopolamine induced memory impairment in Swiss albino mice*. *Oriental Pharmacy and Experimental Medicine*, 2017. **17**(2): p. 127-142.
3. Chaibi, R., et al., *Assessment of antioxidant, anti-inflammatory, anti-cholinesterase and cytotoxic activities of Henna (Lawsonia inermis) flowers*. *J Nat Prod*, 2015. **8**: p. 85-92.

4. Sinha, S., et al., *Neuroprotective potential of Cucurbita maxima Duchesne ex Poir, Caesalpenia bunduc (L.) Roxb and Bombax ceiba Linn extracts*. South African journal of botany, 2019. **120**: p. 319-325.
5. Mostafa, N.M., *β -Amyrin rich Bombax ceiba leaf extract with potential neuroprotective activity against scopolamine-induced memory impairment in rats*. Records of Natural Products, 2018. **12**(5): p. 480.