

## **CONCLUSION**

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Essential oil components, isoenzymes analysis and enzymatic browning were used as characteristics to determine relationships between selected species studied.

The studies on the essential oil components did not show similarity between species studied.

The isoenzymes of glutamate oxaloacetate transaminase and peroxidase showed that *C. halimii* seemed to be related to *C. micrantha* var. *microcarpa*.

The enzymatic browning test also showed that there was a correlation between *C. halimii* and *C. micrantha* var. *microcarpa*. Both species are classified under nonbrowning group.

However the correlation between the other three species studied could not be determined.

All the characteristics described above did not show a clear relationship between all the species studied. Hence a definite conclusion could not be made.

From the tissue culture study it was observed that the best explant and regeneration media for propagation were species dependent.