



Decalepis Hamiltonii

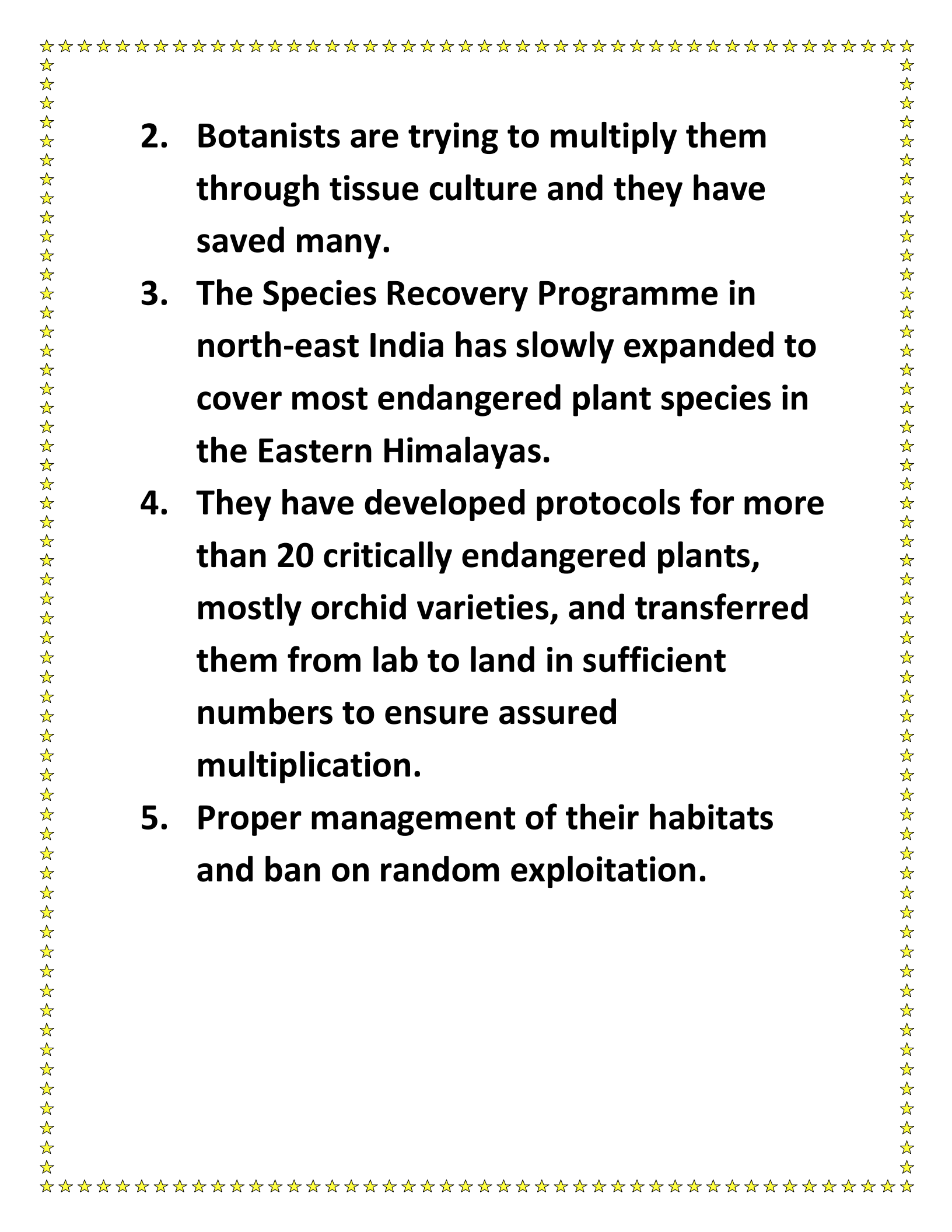
Decalepis hamiltonii is a shrub that grows in deciduous forests of Peninsular India. It is endangered due to habitat destruction and over-exploitation. All parts of the plant contain alkaloids and glycosides that are used in medicines and pesticides. Some common names for *Decalepis hamiltonii* are **Mareduggedalu, Nannari and Sariba.**

The contributing factors for the regulation of its population size are:

- 1. Extended flowering pattern**
- 2. Self-incompatibility**
- 3. Pollinator limitation**
- 4. Absence of seed dormancy**
- 5. Abortion of a considerable percentage of seedlings prior to establishment.**
- 6. Over-exploitation of the roots of this plant due to its commercial value in the preparation of a soft drink "nannari sharbat" in India.**

Conservation Actions:

- 1. Botanists are trying to save critically endangered plants in the India for more than two decades. Tissue cultures have finally brought them success in reviving some species.**

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- 2. Botanists are trying to multiply them through tissue culture and they have saved many.**
 - 3. The Species Recovery Programme in north-east India has slowly expanded to cover most endangered plant species in the Eastern Himalayas.**
 - 4. They have developed protocols for more than 20 critically endangered plants, mostly orchid varieties, and transferred them from lab to land in sufficient numbers to ensure assured multiplication.**
 - 5. Proper management of their habitats and ban on random exploitation.**