

ANALYSIS OF THE INVENTORY OF MEDICINAL AND AROMATIC PLANTS OF SIKKIM

In the inventory, there are 1681 unique species (2282 botanical names including 601 botanical synonyms) recorded from various publications as medicinally important ones. This list was analysed and following results are shared.

CROSS TABULATION OF NUMBER OF SPECIES BEING RECORDED TO BE IN USE IN INDIAN SYSTEMS OF MEDICINE:

This tabulation 1, shows the number of species recorded to be in use in various systems of medicine such as Folk (1498), Ayurveda (522), Siddha (392), Unani (203), Tibetan/ Sowa-rigpa(144), Homeopathy(108), and Western(43).

Table 1: Cross tabulation based on medical system and number of plant species recorded

	AYURVEDA	FOLK	HOMEO.	SIDDHA	TIBETAN	UNANI	WESTERN
AYURVEDA	522	359	76	317	144	194	29
FOLK	359	1498	79	338	120	170	31
HOMEO.	76	79	108	67	38	61	28
SIDDHA	317	338	67	392	125	167	23
TIBETAN	144	120	38	125	144	110	12
UNANI	194	170	61	167	110	203	25
WESTERN	29	31	28	23	12	25	43

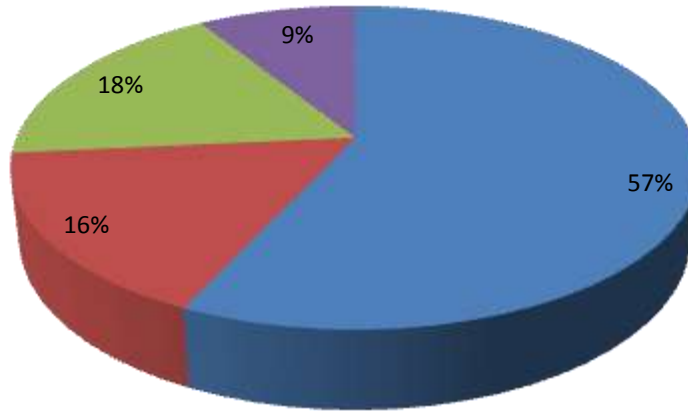
Please note: Traditional Chinese Medicine recorded as per this study is 460 species. This list is not complete due to in-adequate data available.

LIFE FORMS:

Life forms	No. of species
1. Herbs	957
2. Trees	297
3. Shrubs	279
4. Climbers	148
Total number of species	1681

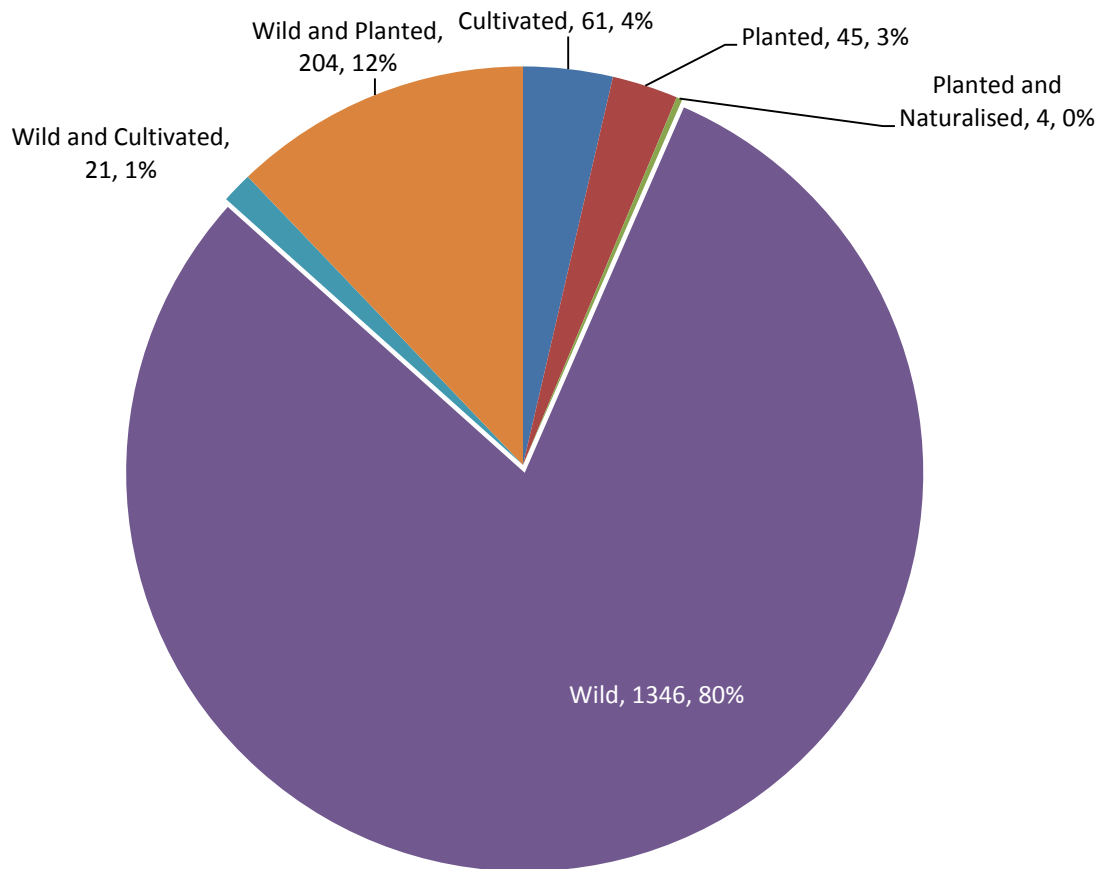
Life Forms

■ Herbs ■ shrubs ■ Trees ■ Climbers



OCCURRENCE STATUS OF THE MEDICINAL PLANTS

Occurrence status	Number of species
1. Wild	1346
2. Wild and Planted	204
3. Cultivated	61
4. Planted	45
5. Wild and Cultivated	21
6. Planted and Naturalized	4
Total number of species	1681



Occurrence Status

TOP 10 BOTANICAL FAMILIES:

As per the inventory, we have recorded 210 botanical families which has 1 or more species. The following table provides top 10 families which have more than 30 genus that have medicinal important species.

Family	Number of genus
ASTERACEAE	147
FABACEAE	84
ORCHIDACEAE	72
EUPHORBIACEAE	57
ROSACEAE	55
POACEAE	51
LAMIACEAE	42
RUBIACEAE	42
RANUNCULACEAE	38
POLYGONACEAE	36