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Indigenous knowledge of Mangar Community on medicinal uses of ethnomedicinal plants in South Sikkim, Eastern Himalaya

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Supplementary Data

Supplementary Table S1 — Test of Normality of Total Knowledge Score

(A) Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
TOTAL	0.201	50	0.000	0.893	50	0.000

a. Lilliefors Significance Correction

(B) Descriptives

			Statistic	Std. Error
TOTAL	*Mean*		5.92	0.232
	95% Confidence Interval for Mean	*Lower bound*	5.45	
		Upper bound	6.39	
	5% Trimmed Mean		5.81	
	Median		6.00	
	Variance		2.687	
	Std. Deviation		1.639	
	Minimum		4	
	Maximum		10	
	Range		6	
	Interquartile Range		2	
	Skewness		0.741	0.337
	Kurtosis		-0.139	0.662

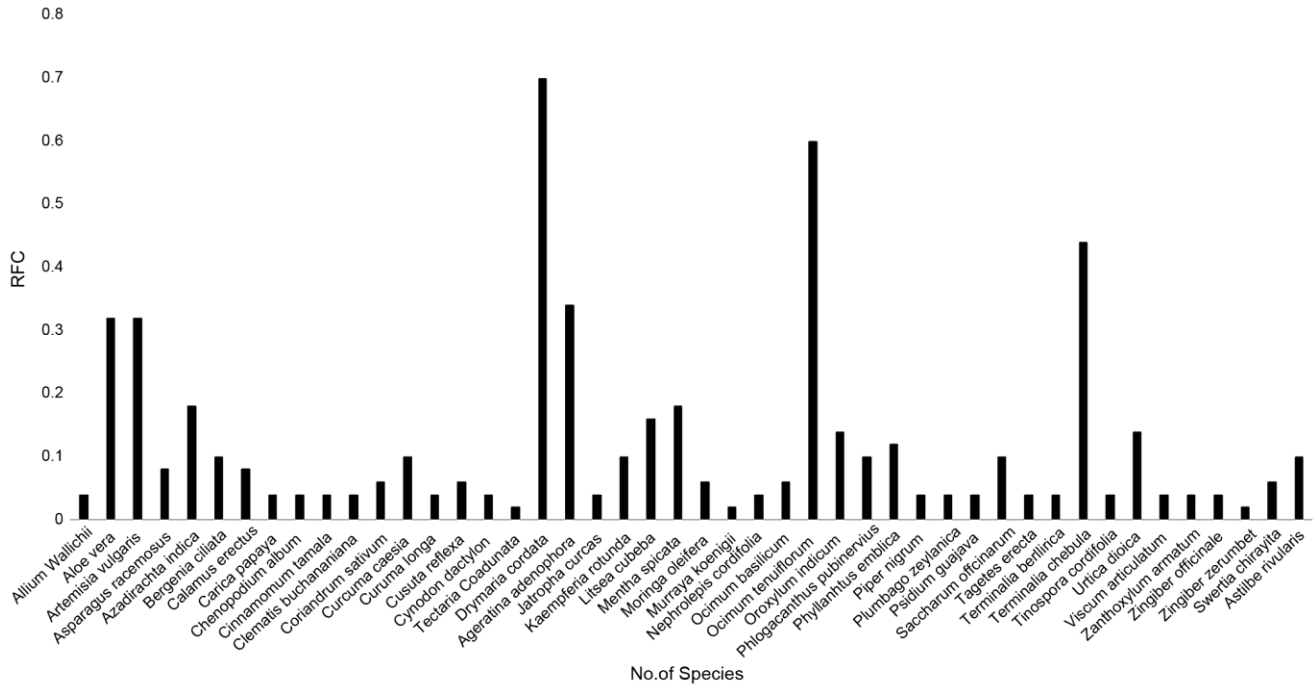
Supplementary Table S2 — Kruskal–Wallis test for differences in ethnomedicinal knowledge across age groups (n = 50)

Age Group	N	Mean Rank
35–49 years	16	23.19
50–64 years	24	26.19
65 years and above	10	27.55
Total	50	
Test Statistic	Value	
Kruskal–Wallis H	0.685	
df	2	
p-value	0.71	

Significance level set at $p < 0.05$.

Supplementary Table S3 — Mann–Whitney U test comparing ethnomedicinal knowledge between genders (n = 50)

Gender	N	Mean Rank	Sum of Ranks
Male	31	24.89	771.50
Female	19	26.50	503.50
Total	50		
Test Statistic	Value		
Mann-Whitney U	275.50		
Wilcoxon W	771.50		
Z	-0.39		
Asymp. Sig. (2-tailed)	0.70		
Significance level set at p<0.05			



Supplementary Fig. S1 — RFC for the documented medicinal plants in the study area