

An analytical ethnobotanical survey-study and its contribution to ‘Amchi System’ of Spiti valley, India

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Supplementary Data

Supplementary Table S1 — Demography of respondents from surveyed villages of Spiti valley

| Average age of respondents (years) | Gender Ratio of consulted respondents (Male: Female) | Population density of Surveyed Amchi Villages (12) | Average Dependent patients' percentage on Amchi system | Gender ratio of patients approaching Amchi villages (12) (Male: Female) |
|------------------------------------|--|---|--|---|
| Amchi 69.25 ~ (70) | Amchi 10: 0 | Ranges from the lowest 150 to 800 inhabitants/village | 20.83 % ~ (20%) Ranges from 10 to 35 % | 1: 5.91 ~ (1: 6) |
| Other Informants 45 | Other Informants 7:1 | NA | No consultation recorded | No consultation recorded |

Supplementary Table S2 — Shannon index to mentioned twelve ailment categories

| SN | Ailments category | (NSU) Number of Reports for Same Use | P_i | $\ln(p_i)$ | $p_i \times \ln(p_i)$ |
|----|---------------------------|---|-------|------------|-----------------------|
| 1 | Fever | 15 | 0.100 | -1.000 | -0.100 |
| 2 | Nausea/vomiting | 10 | 0.067 | -1.176 | -0.078 |
| 3 | Respiratory | 8 | 0.053 | -1.273 | -0.068 |
| 4 | Gastrointestinal diseases | 15 | 0.100 | -1.000 | -0.100 |
| 5 | Reproductive | 18 | 0.120 | -0.921 | -0.110 |
| 6 | Itching/infections | 13 | 0.087 | -1.062 | -0.092 |
| 7 | Skin/Hair diseases | 10 | 0.067 | -1.176 | -0.078 |
| 8 | Cold, dry/old cough | 18 | 0.120 | -0.921 | -0.110 |
| 9 | Different body aches | 16 | 0.107 | -0.972 | -0.104 |
| 10 | Awakening consciousness | 8 | 0.053 | -1.273 | -0.068 |
| 11 | Sensitivity/Allergy | 11 | 0.073 | -1.135 | -0.083 |
| 12 | Medico religious | 8 | 0.053 | -1.273 | -0.068 |