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**Selected  
References on  
Ecology and  
Management of  
Grassland  
Habitats  
in India**

## Introduction

A large volume of scientific information on Grassland habitats is widely scattered in India. It would be critical to access appropriate and relevant literature on the subject due to absence of proper documentation. This compilation is the first attempt to collate the existing publishing information on 'Ecology and Management of Grassland Habitats of India' containing 291 references.

The following secondary sources have been consulted during the compilation of this bibliography:

WII Library and Documentation Centre in-house Databases

- i) Reprint Database
- ii) Book Database
- iii) WILD Database (Indexing and Abstracting Database of Indian Wildlife)
- iv) MPBIB Database (Bibliography on Wildlife and Protected Area management in Madhya Pradesh)
- v) Indian Mammal Research bibliographic database
- vi) e-Resources

The bibliography has been categorized according to mainly five document types (Research Papers; Thesis; Reports; Books/Book Chapters and Paper Presented in Conferences/Seminars etc.) and it is further classified into two parts (i.e. Animal Ecology and Grassland Ecology) to make it user friendly.

## Bibliometric Analysis

The bibliographic output was subjected to the following bibliographic analysis in order to understand chronological development, types of document sources, subjects and studies conducted in different Biogeographic Zones and authorship pattern.

References are broadly arranged chronologically in Table-1 into following two groups -

- a. Published before 2000
- b. Published on or after 2000

The Trends of chronological development of literature has been shown in Table 20.1. The percentage of research papers is 62% while rest other categories together is 38%.

**Table 20.1.** Chronological Development

S.N	Time period	No. of References		Total References	
		Animal Ecology	Grassland Ecology	Number of References	Percentage
1	Published before 2000	33	148	181	62.2%
2	Published on or after 2000	54	56	110	37.8%
<b>Total</b>		<b>87</b>	<b>204</b>	<b>291</b>	<b>100%</b>

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The breakup of types of documents included in the bibliography is shown in Figure 20.1 & 20.2. The data reveals that out of 291 publications, a majority (n = 150) are research papers.

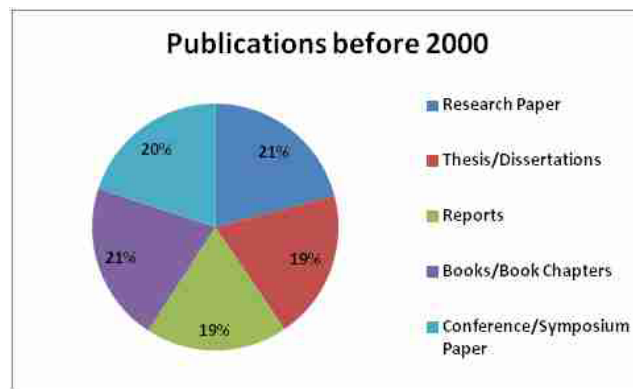


Figure 20.1 various types of publications on grasslands published before year 2000.

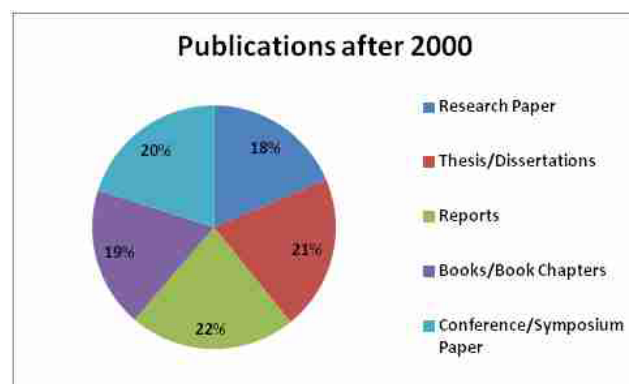


Figure 20.2 various types of publications on grasslands published after year 2000.

Each reference in the bibliography has been analysed on the basis of 10 broad subject headings as shown in Figure 20.3 & 20.4. Studies before the year 2000 were mostly focused on grazing lands or pasture lands and ecological surveys which have shown a shift towards studies on pastoralism and conservation & management of grasslands in the recent years.

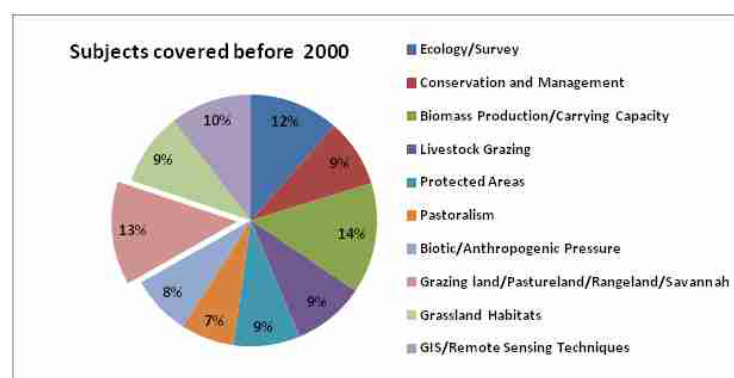


Figure 20.3 Subject headings covered in publications before the year 2000

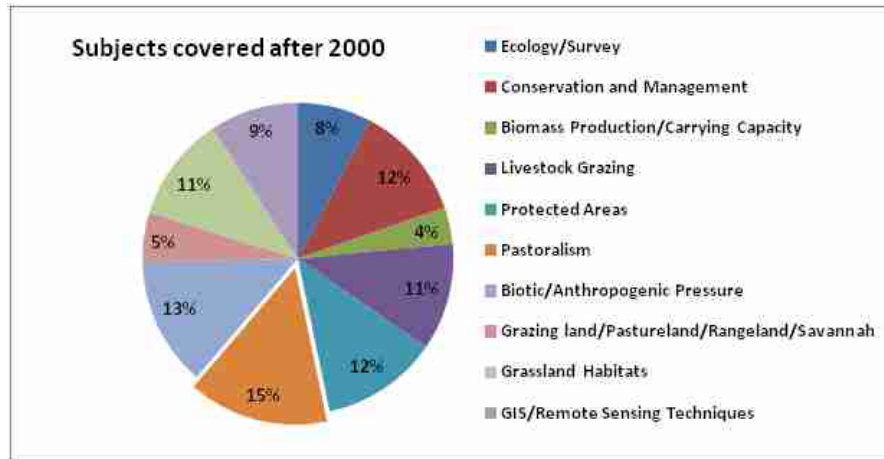


Figure 20.4 Subject headings covered in publications after the year 2000

The references were also analyzed by Biogeographic zone wise in Table 2. Following data reveals that maximum number of studies related to Grasslands Habitats have been carried out in Himalayan Region (Biogeographic Zone – 2).

Table 20.2. Biogeographic Zones where the studies have been conducted

S.N	Biogeographic Zone	Before 2000	After 2000	Total
1	Trans-Himalaya	5	22	27
2	Himalayas	56	23	79
3	Desert	16	11	27
4	Semi-arid	10	3	13
5	Western Ghats	16	15	31
6	Deccan Peninsula	18	4	22
7	Gangetic plains	20	14	34
8	North-East	3	8	11

For the convenience of the user, this bibliography is also available in database form at WII's Library and Documentation Centre. It is hoped that providing information both in traditional printed form as well as through machine readable database will be very useful and act as a ready reference to both professional and amateur wildlife ecologists and protected area managers, interested in the grassland habitats of India. We would also like to add that this database is not complete. While all possible efforts have been made to cite the references as accurately as possible, it is probable that some mistakes have remained, largely owing to the compilation of the majority of references from secondary sources. We would be grateful if such mistakes are brought to our notice for correction and continuous updation of this database.

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