



Satoyama Initiative Regional Workshop, Kota Kinabalu
Malaysia, 18 – 20 April, 2017

Mainstreaming People's Knowledge in Biodiversity Conservation in Sacred Landscapes of Nepal

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In Nepal,

It is a century old tradition of dedicating a forest patch to local deity.

This practice has given birth to a tradition of conserving biodiversity.

People have realized that -

Sacred landscapes are not only the sites of social, cultural and spiritual values but also the sites of biodiversity conservation.



Bajrabarahi Sacred Landscape (18.3ha)
Local community managed

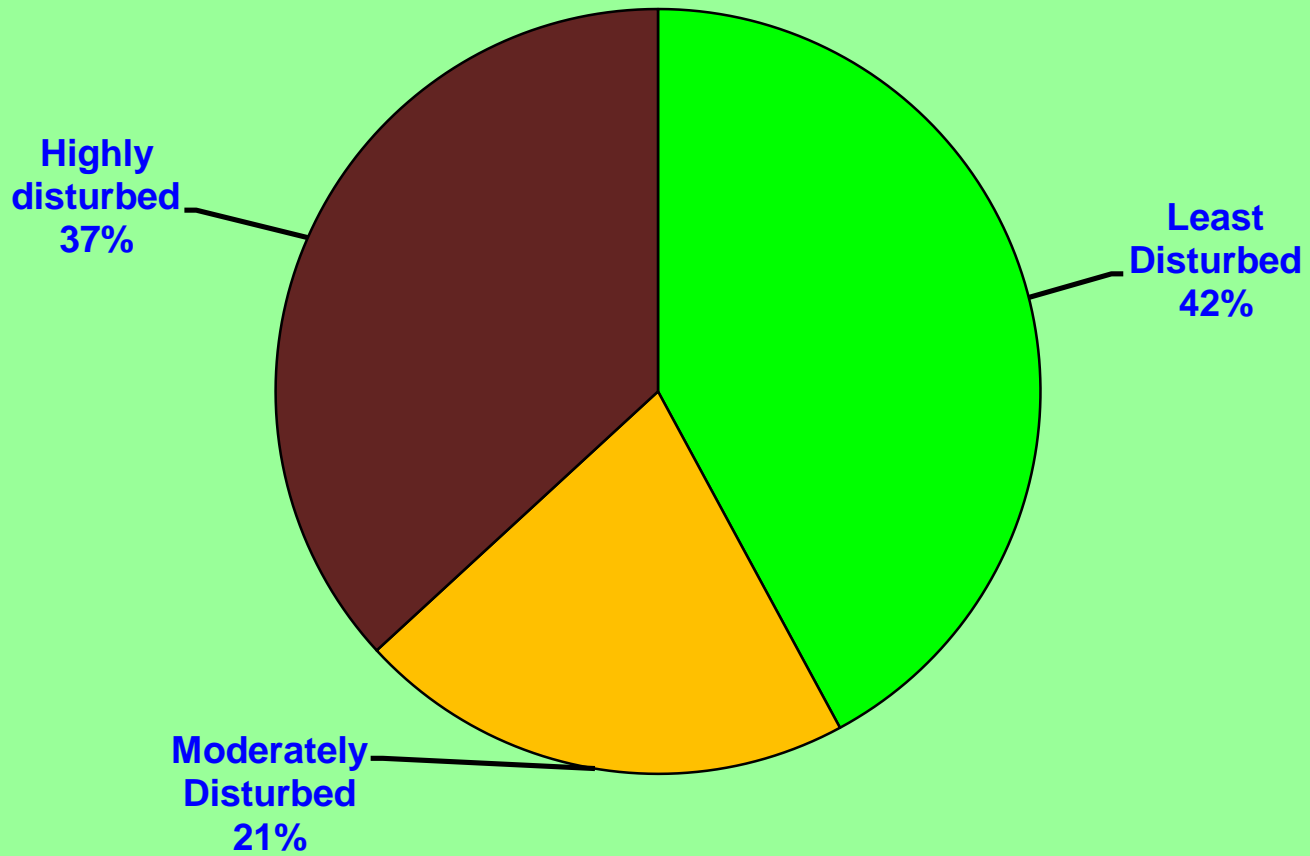


Pashupati Sacred landscape (83.5ha)
Government managed

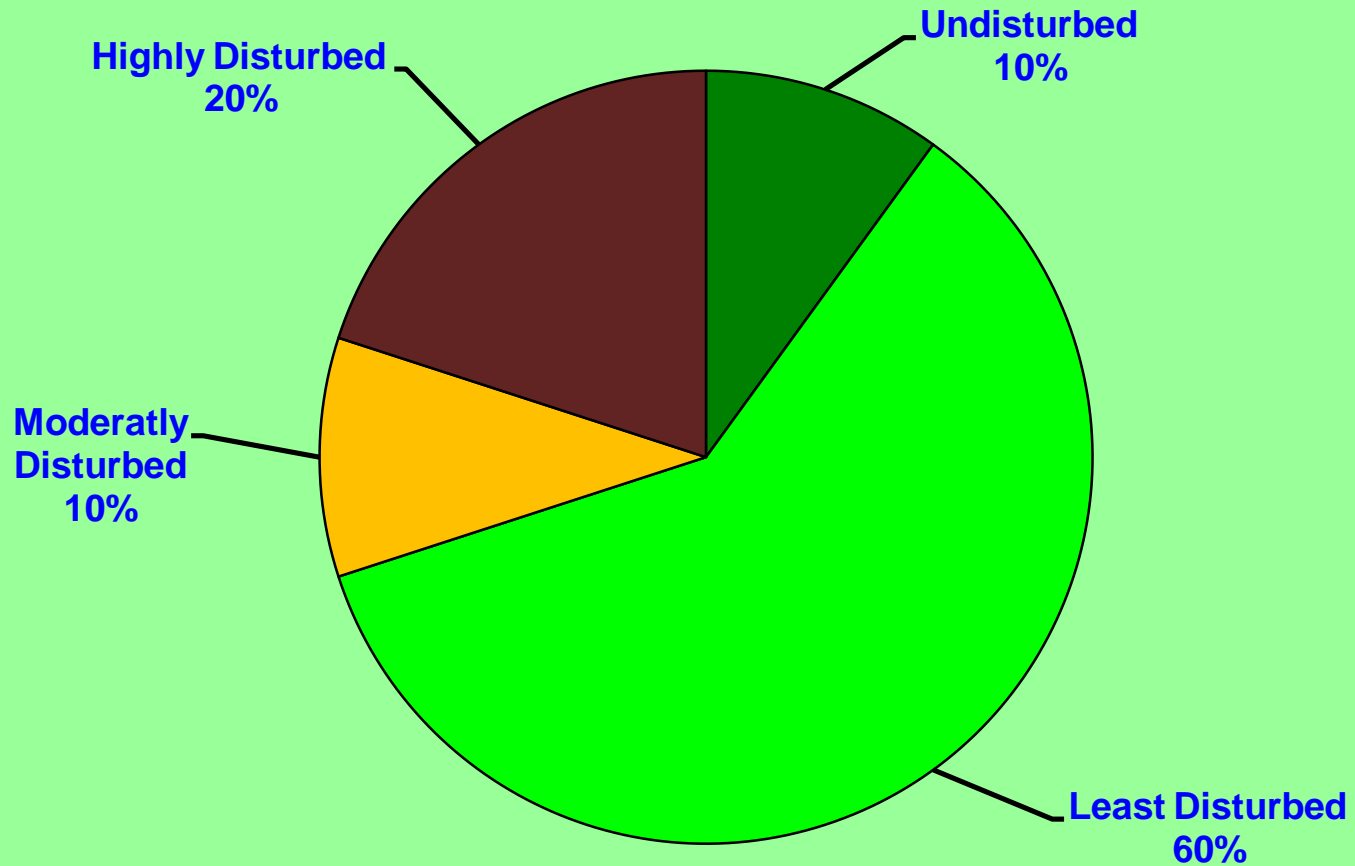
Forest Types & Tree Diversity

	Pashupati Sacred Landscape (83.5ha)	Bajrabarahi Sacred Landscape (18.3ha)
Forest Types (based on tree diversity)	<i>Schima-Pyrus</i> Forest	<i>Neolitsea</i> Forest
	<i>Myrsine-Persea</i> Forest	
	<i>Quercus-Myrsine</i> Forest	
Tree Diversity	17 species	18 species

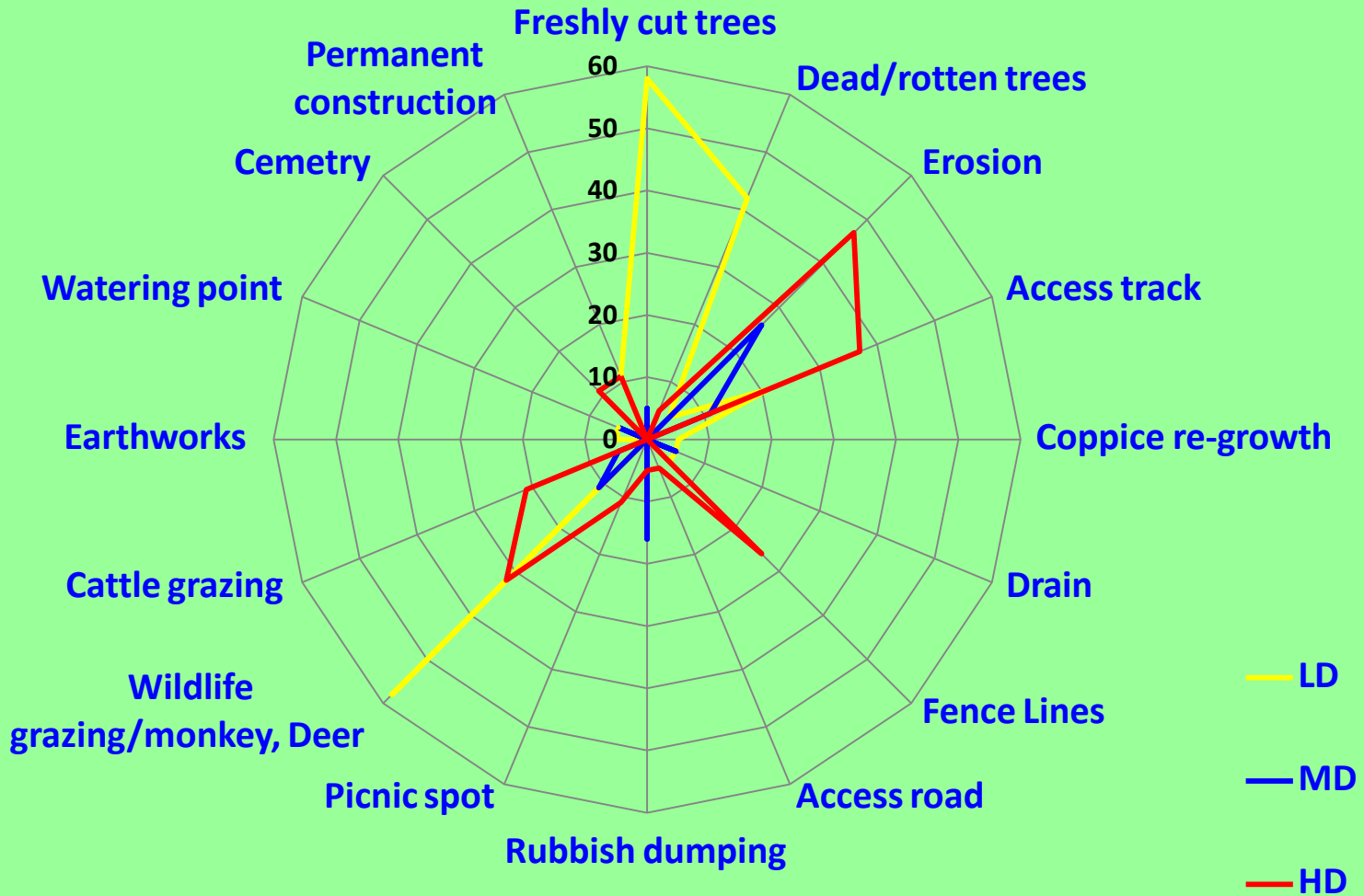
Disturbance status of Pashupati Sacred Landscape



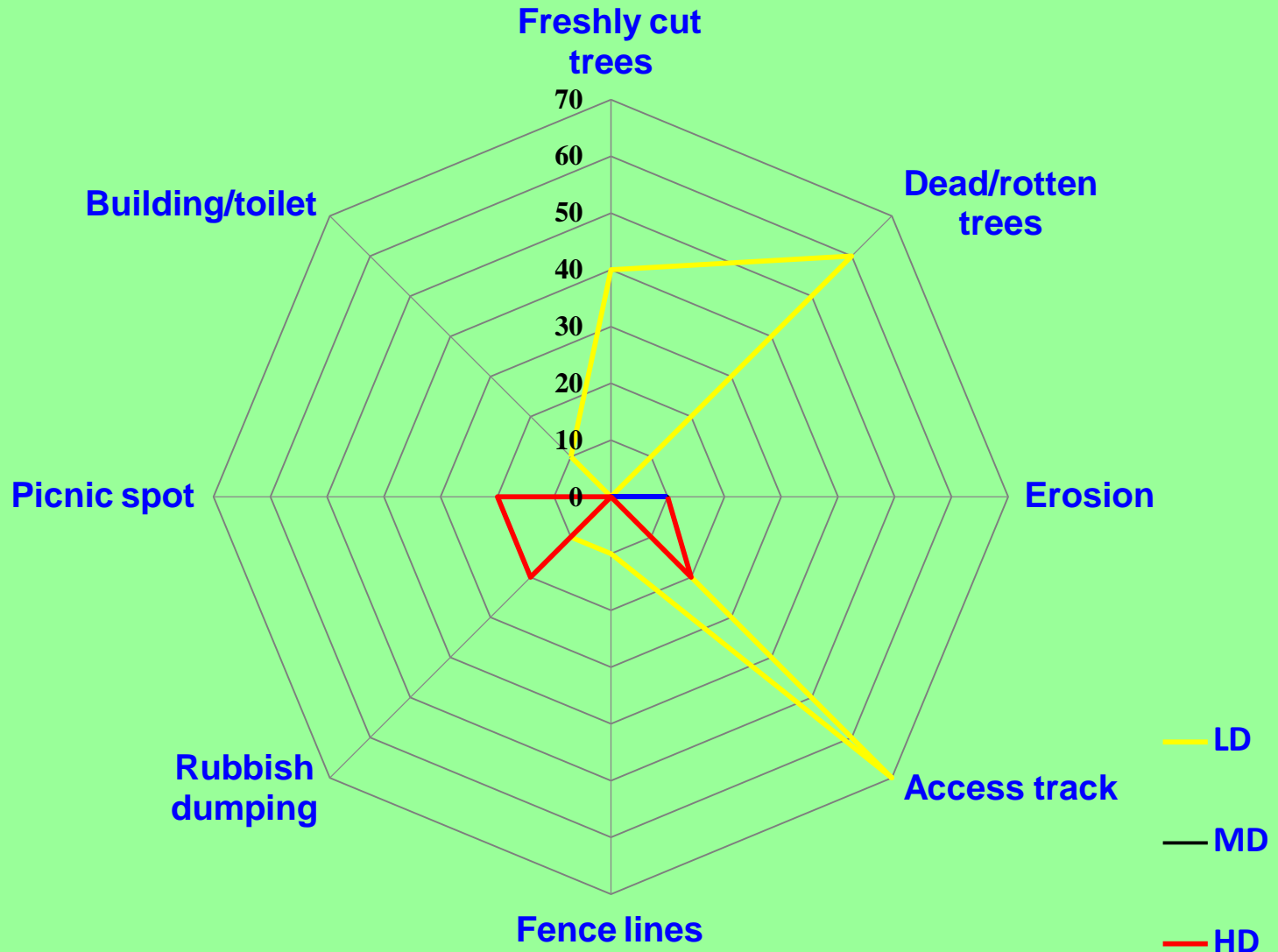
Disturbance status of Bajrabarahi Sacred Landscape



Intensity of disturbances in Pashupati SL

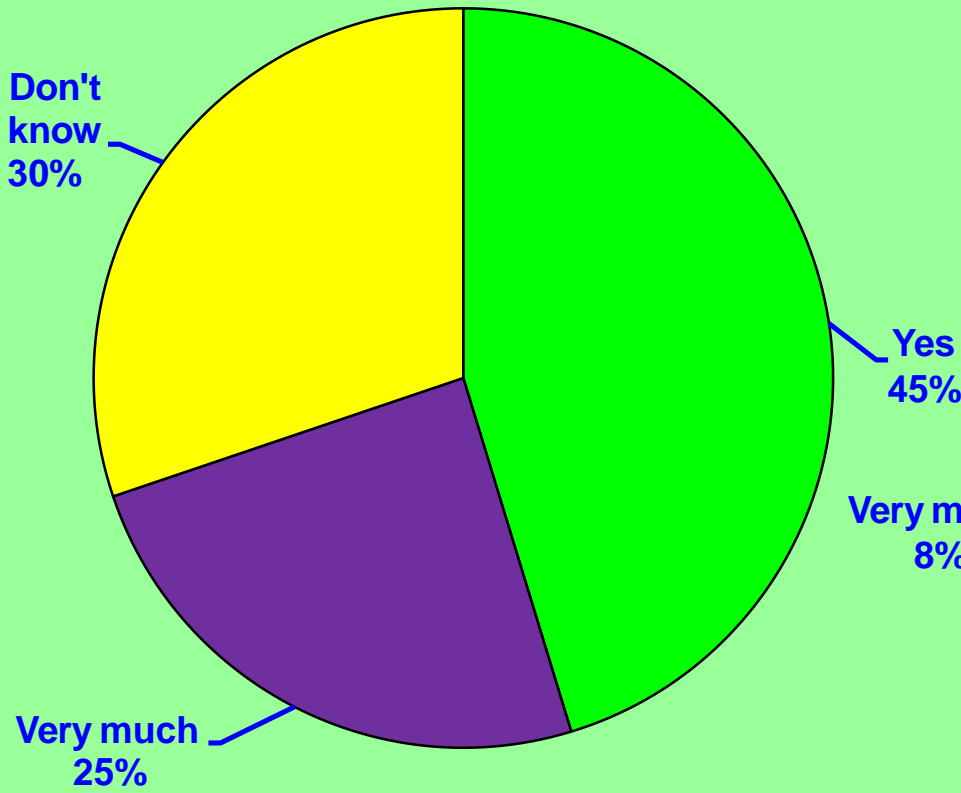


Intensity of disturbances in Bajrabarahi SL

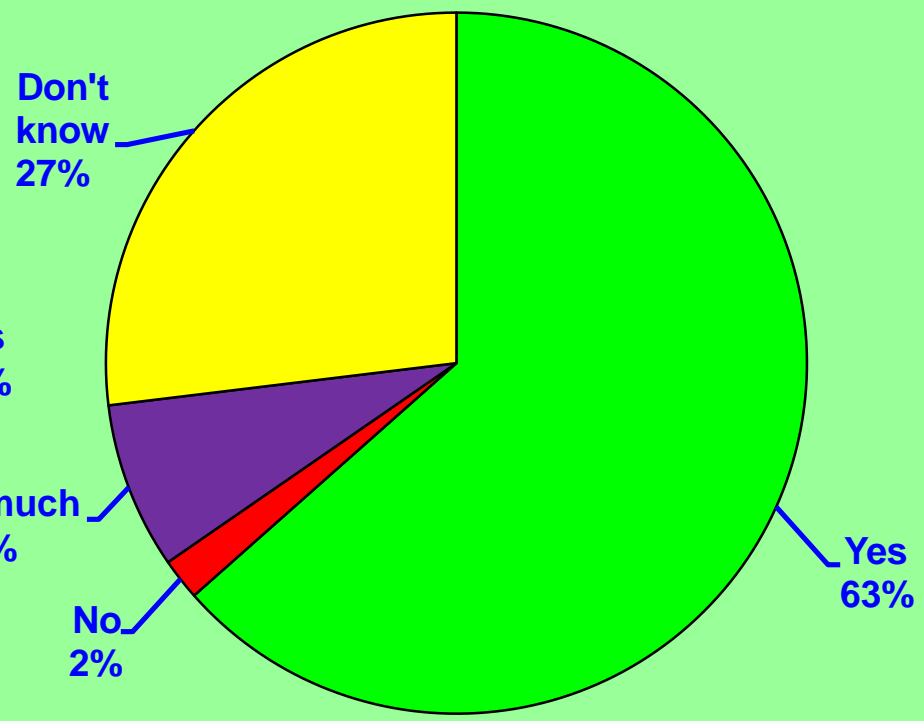


What are the gaps?

- Little explored, understudied and unrecognized as a highly valued system important in biodiversity conservation,
- Incomplete inventory of sacred landscapes nationwide,
- Not included in the National Biodiversity Strategy and Action Plan (2016-2020), and
- Mainstreaming of modern conservation knowledge.



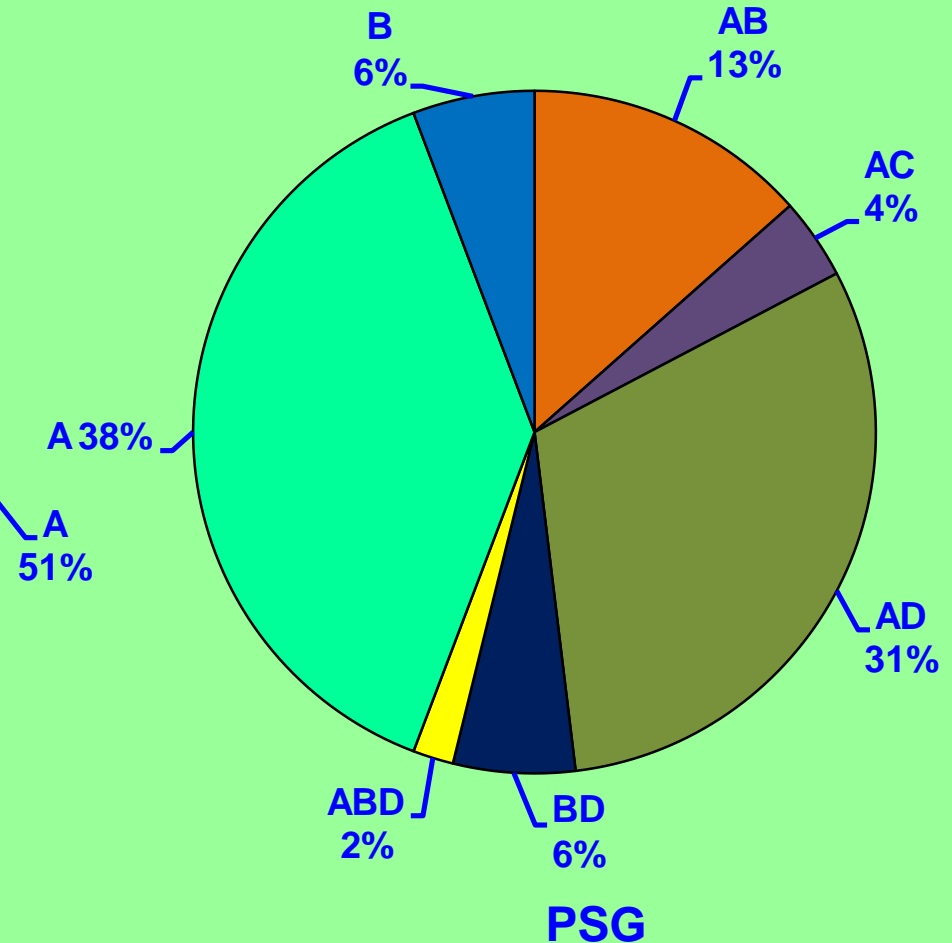
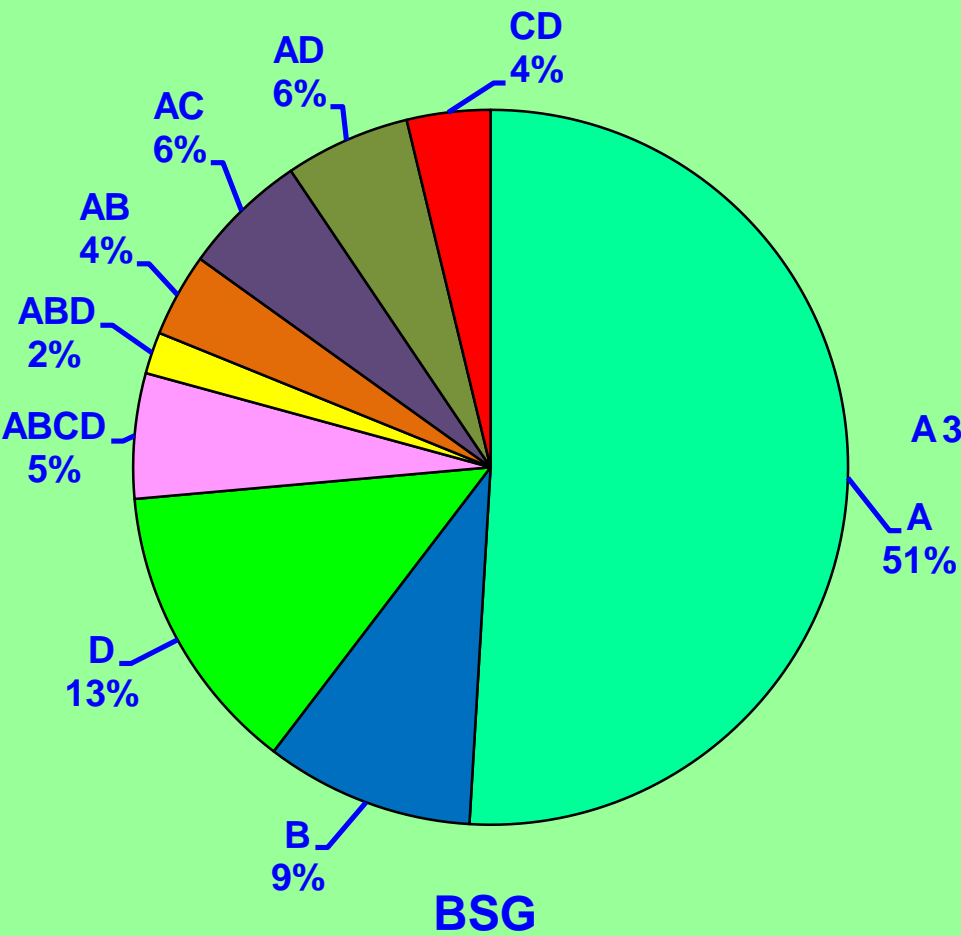
BSG



PSG

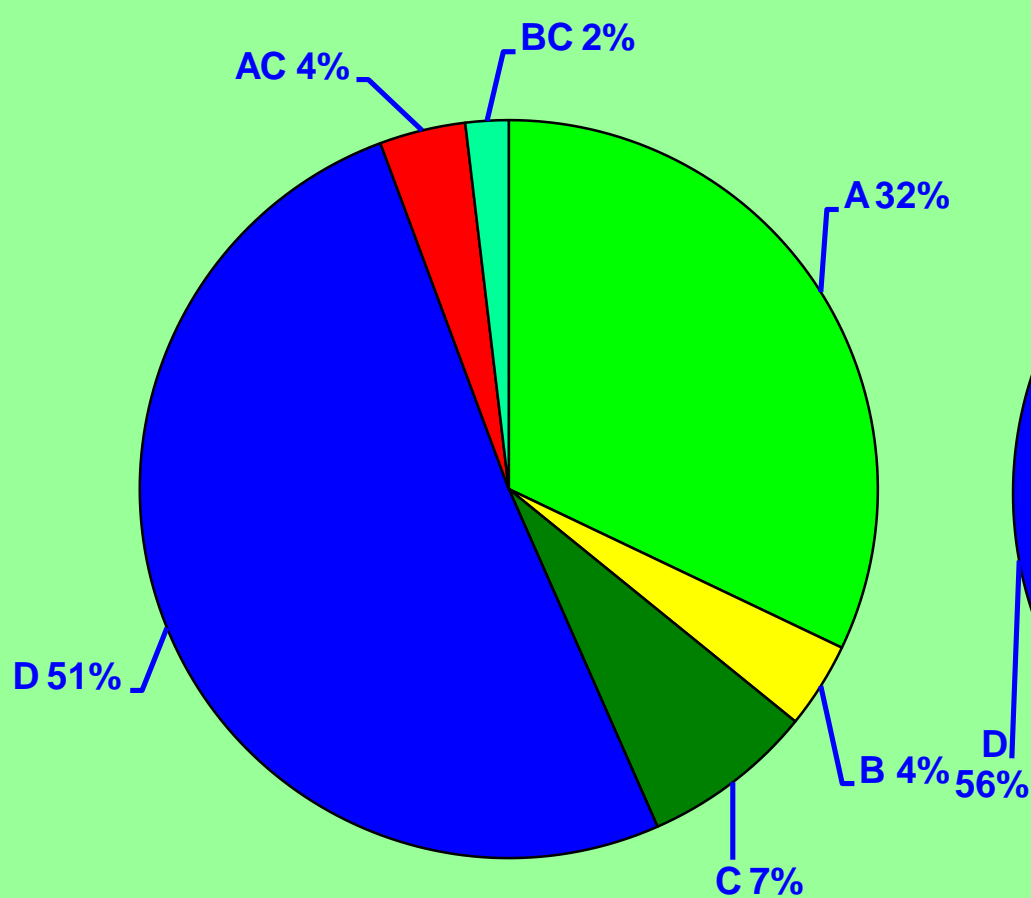
Peoples' knowledge

Importance of sacred landscape in biodiversity conservation

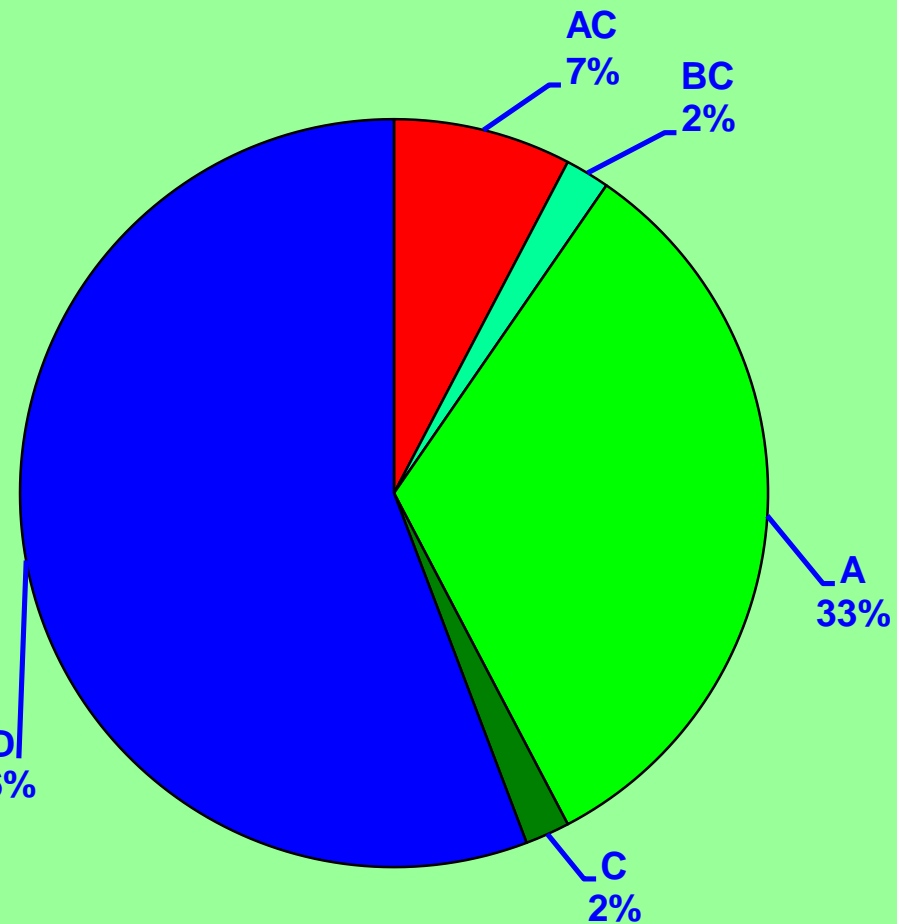


Objective of sacred landscape establishment

(A-religious purpose, B-religious motivation, C-income generation, D-biodiversity conservation)



BSG



PSG

Role of sacred landscape

(A-religious activity, B-income source, C-biodiversity conservation, and D-all options)



Need to solve the challenges by

- **Strengthening the institutional capacity**
by management initiative, training, use of modern conservation tools, government support
- **Enhancing the local capacity**
by active involvement of stakeholders in all kinds of decision making levels and introduction of local conservation laws
- **Mainstreaming conservation knowledge**
by creating awareness campaigns, mainstreaming knowledge and research activities at local level
- **Conserving the local religious values**
mainstreaming the school level knowledge to respect local religion and cultural values in relation to nature conservation

बज्र वाराही जंगलमा पाइने रुखबिरुवाहरूको नामावली

वैज्ञानिक नाम	नेवारी नाम	नेपाली नाम
1. Albizzia sp.	धोसिमा	रिरीप
2. Alnus nepalensis	धोसि	उनास
3. Ardisia macrocarpa	क्याडासि	दुमाइफल
4. Arundinaria sp.	तिमा	निगानो
5. Azadirachta indica	खाइवसिमा	यमरुहन
6. Berberis aristata	मरपासि	चुरो
7. Bougainvillea sp.	माँखा	
8. Castanopsis indica	का स्याङ्गुली	श्याम कस्तु/यमनवली
9. Castanopsis tribuloides	ला	कदस
10. Choerospondias axillaris	अमलिमा	लाम्सा
11. Citrus lemon	आइसिमा	ज्यामीर
12. " medica	के सिमा	थिमोरा
13. Engenia jambolana	गुलपासि	जामुन
14. Ficus bengalensis	वेरमा	वेर
15. Ficus religiosa	वंगल सिमा	पिपल
16. Galinodaphne anustriola	लाम्सा सि	लोकरो
17. Myrica esculanta	के पासि	कोकिल
18. Myrsine semiserrata	वेचपासि	कालो काठ
19. Prunus cersoides	फोसा पासो	पेरा
20. Pyrus Pahlia	छा पासो	मयल
21. Quercus glauca	का स्याङ्गुली	कदस
22. Rhododendron arboreu	लकुसुमी	गुराल
23. Rubus ellipticus	ईसिपासो	रुनल
24. Rus succedanea	तिका बासो	भेलाटी
25. Schima wallichii	जुव छासो	चिलाइल
26. Thyrsanolaena maxima	नफेमा	अँससो
27. Urtica dioica	बैद्यकमा	सिसु
28. Xylosma controversum	महालकमा	हाइगे
29. Zizyphus incurva	फकसिमा	

नोटः यसरी तिन थरि नाम मध्ये वैज्ञानिक नाम नभएका रुखबिरुवाहरूको थप नामावली संघमा संकलित छन।

ज्योतिदय संघ, ज्योति विहार, चापागाउँ, ललितपुर

सुचना

जिल्ला बन कार्यालय न.पु.बाट स्वीकृति प्राप्त गरियस धार्मिक तथा ऐतिहासिक जंगलको ज्योतिदय संघले संरक्षण र संवर्द्धन गर्दै आएका छौं/कृपया दर्शनार्थी र बनभोजमा आउनुहुने महानुभावहरूले यस जंगललाई कुनै पनि हानि नोक्सानी हुने कार्य नगरीदिनुहुन हार्दिक अनुरोध गर्दछौं।

ज्योतिदय संघ/ज्योति विहार /BNCP चापागाउँ-३, ललितपुर

ज्योतिदय संघ, ज्योति विहार द्वारा संरक्षित बज्र वाराही धार्मिक वन व्यवस्थापन - योजना

(क्षेत्रफल १८.२९ हेक्टर, रुखबिरुवा १६० जति, चरा ४८ थोरै)

क्र.सं.	चिह्न	विवरण
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मिठुन/किरात/वीर/देवास

RECOMMENDATIONS

**PROTECT AND CONSERVE BIODIVERSITY BY
MAINSTREAMING
THE CONSERVATION KNOWLEDGE AND
ENHANCING LOCAL CAPACITY**

