

Botanist

The Bombay Natural History Society (BNHS), established in 1883, is one of India's oldest and most prestigious environmental organizations. For over 140 years, BNHS has been at the forefront of nature conservation, wildlife research, and the study of natural history in India. With a strong legacy in conservation and scientific research, BNHS continues to play a vital role in protecting the country's biodiversity.

BNHS invites applications for the following position for **Biodiversity assessment and monitoring the impacts of construction of tunnel for Goregaon-Mulund Link Road (GMLR) on flora and fauna of Sanjay Gandhi National Park** and the details about the post, pay, academic qualifications, nature of duties, etc. are given below:

Essential and Desirable qualifications are as follows:

1.	Positions	Botanist
2.	Posting at	Selected candidates will be posted in Mumbai
3.	Emoluments	35,000-55,000, Negotiable based on experience
4.	Duration	Initially for 01 year and renewable will be performance based and project requirement
5.	Type of engagement	On contractual basis
6.	Essential Qualification	<ul style="list-style-type: none"> • Master's degree/PhD in Botany / Environmental Science / Forestry / Life Sciences or related discipline from a recognized university. Prior experience in vegetation surveys, plant taxonomy, ecological monitoring, or biodiversity assessment. • Familiarity with identification of common forest flora, invasive plant species, and vegetation types of SGNP, Western Ghats, or urban forest ecosystems. • Knowledge of ecological field sampling methods including quadrat surveys, habitat assessment, and vegetation monitoring techniques. • Experience in photographic documentation, and vegetation data management will be preferred. • Working knowledge of GIS software (QGIS/ArcGIS) and basic ecological data analysis will be an added advantage. • Good scientific writing, documentation, and reporting skills.
7.	Job Profile	<ul style="list-style-type: none"> • Conduct floral diversity assessment and ecological monitoring within the GMLR construction landscape in Sanjay Gandhi National Park (SGNP). • Monitor the impacts of tunnel construction and associated activities on vegetation structure, habitat quality, and overall floral diversity within the study area.

		<ul style="list-style-type: none"> • Assess ecological changes arising from construction-related disturbances such as vegetation clearing, soil compaction, dust deposition, edge effects, habitat fragmentation, and alteration of drainage patterns, invasive species spread, and human disturbance. • Carry out systematic vegetation surveys using standard ecological sampling methods, and habitat-based observations across monitoring grids. • Undertake vegetation sampling across different elevation gradients and habitat types including mixed deciduous forest, plantation patches, scrub, and agricultural landscapes. • Identify and document trees, shrubs, herbs, climbers, grasses, and invasive plant species occurring within the study area. • Record phenological observations such as flowering, fruiting, leaf fall, and leaf flush. • Measure ecological attributes such as Circumference at Breast Height (CBH), canopy cover, canopy spread, and regeneration status for long-term vegetation monitoring. • Document exposed roots, fallen roots, and root growth observations wherever required to assess potential impacts of construction activities on tree stability and health. • Compare vegetation characteristics between impacted and relatively undisturbed areas to evaluate ecological changes during different construction phases. • Conduct seasonal monitoring to understand temporal changes in vegetation and habitat conditions. • Identify ecologically sensitive habitats and assist in recommending suitable mitigation, restoration, and habitat management measures. • Maintain systematic field records including GPS coordinates, photographic documentation, vegetation datasheets, and habitat notes. • Assist in preparation of floral inventories, ecological assessment reports, monitoring summaries, and conservation recommendations. • Support GIS-based vegetation mapping and biodiversity data management wherever required. • Coordinate with multidisciplinary teams involved in faunal, ecological, and environmental assessments. • Follow scientific protocols and ethical field practices during biodiversity documentation and monitoring activities.
8	Age Limit	25 to 40 years

General Instructions:

1. Interested candidates can send their application in the format attached along with a detailed CV, by **30th June, 2026**, by giving two references. While applying, the candidates should mention the **Name of the post** and the **advertisement number** in the subject line of the email Eg. **001/25 - Application for the post of Education Officer and** email the completely filled in application on: cv.hr@bnhs.org.
2. BNHS reserves the right to reject any candidature in view of incomplete information or for any other reason thereof.

Application for the post of Botanist

- Name in full (in BLOCK letters) :
- Date of Birth :
- Nationality :
- Father's /Husband's name :
- Address for correspondence including :
- Mobile & Email :
- Educational / Professional Qualifications from Matriculation onwards

Space for photograph

Sr. No.	Examination passed	Year	Board/University	Subject	Marks Obtained

Details of previous employment, if an

Sr. No.	Name of the post	Name of the Institution/organization, full address	Pay scale/Fellowship	Duration		Title of work/nature of experience
				To	From	

- Title of Dissertation/ Thesis (Post Graduate)if any:
- Extra-Curricular Activities:
- Technical Qualifications:

- List of Publications:
- Name addresses contact details of three referees:
- Any other relevant information:

Declaration

I hereby declare that all the information furnished above is true to the best of my knowledge and belief. I shall abide by the terms and conditions specified in the project.

Place

Applicant's signature with date