

From,
Dr. N. C. HIRAGOND *M. Sc., M. Phil., Ph. D.*
Assistant Professor in Zoology
Yashwantrao Chavan College Halkarni
Cell No: 09449626499, 9403470559

Dr. K. N. NIKAM *M.Sc., Ph.D.*
Assistant Professor in Zoology
R. B. Madkholkar Mahavidyalaya Chandgad
Cell No.9421103771

To,
The Principal
Yashwantrao Chavan College Halkarni

Date: 12.10.2021

To,
The Principal
R. B. Madkholkar Mahavidyalaya Chandgad

Sub: Final Report of field work on Biodiversity studies under MOU
Ref: MOU signed on 28.08.2019 to do Biodiversity studies in Collaboration

Respected Sir,

With reference to the above we undersigned Dr. N. C. Hiragond and Dr. K. N. Nikam have done some field work under above said MOU on biodiversity of Amphibia along the Mining Road in Chandgad taluka on 13.08.2021 to 16.03.2021. During this field work we found 14 Amphibian species listed in table 1. During the field work we found several egg mass, tadpoles and frogs. These field works found fruitful to students and the students are exposed to scientific studies.

List of students participating in the field work

Sl. No.	Name of the Student	Name of the College
1	Mr. Namdev Sadavar	Yashwantrao Chavan College Halkarni
2	Miss Anga Shinde	-----do-----
3	Miss Mayuri V. Patil	-----do-----
4	Mr. Rahul N. Patil; (Faculty)	-----do-----
5	Mr. Mustakin Sayyad	R. B. Madkholkar Mahavidyalaya Chandgad
6	Miss Kirti Hireinal	
7	Miss Ashwini Bhendalkor	-----do-----

Thanking you

Yours faithfully

Encl: List of Amphibians recorded and some images

1. Dr. N. C. Hiragond
2. Dr. K. N. Nikam

Table 1 Showing the Amphibians recorded during the field work along the Mining Road in Chandgad taluk of Kolhapur, Maharashtra

Sl. No.	Common Name	Scientific Name	Habitat and Habitat
1	Asian Common Toad	<i>Duttaphrynus melanostictus</i>	Ground Dwelling, Shelter under the rocks, inhabits the agricultural fields especially paddy fields, grasslands, nearby human habitations, temporary water bodies, on the edges of slow moving water bodies. Prefers moist and dark places
2	Indian Bull Frog	<i>Hoplobatrachus tigerinus</i>	Nocturnal, Aquatic, found nearby fresh water bodies, agricultural fields, plantations, grasslands, paddy fields, swamps, puddles. Retreats underground in marshy substratum. Usually resides on the edges of temporary water bodies. Some times on the edges of slow moving water bodies
3	Skittering Frog	<i>Euphlyctis cyanophlyctis</i>	Aquatic, found nearby and inside the temporary water bodies, puddles. Even in small cement water tanks, on the edges of slow moving streams agricultural paddy fields etc
4	Indian Cricket Frog	<i>Fejervarya limnocharis</i>	Nocturnal, found nearby temporary water bodies, agricultural paddy fields, forest floors in vegetations
5	Ornate Narrow-Mouthed Frog	<i>Microhyla ornata</i>	Nocturnal, found nearby temporary water bodies, ground dwelling, often sheltering underground beneath the leaf litter, stones, crevices, grasses. Sometimes found around human habitations, prefers moist places covered with grass leaves
6	Malabar Gliding Frog	<i>Rhacophorus malabaricus</i>	Arboreal, found on tree branches and on leaves along the streams and in evergreen forest, on leaf litter, on rocks along the streams, in plantations and the evergreen forest, Occasionally found around nearby human habitations

7	Indian Tree Frog	<i>Polypedates maculates</i>	Arboreal, found on tree branches and on leaves along the streams and in forest. Sometimes found around the human habitations on the walls, inside the houses
8	<u>Amboli</u> Bush Frog	<i>Pseudophilautus amboli</i>	Arboreal, found on tree branches and on leaves in evergreen forests and in agricultural fields, also observed on trees branches and leaves in human habitations of villages nearby forests
9	Marbaled Balloon Frog	<i>Uperodon systoma</i>	Nocturnal, Burrowing form, ground dwelling, found nearby temporary water bodies, agricultural paddy fields, forest floor, gardens, often sheltering underground, inside the rock crevices,
10	Indian Balloon Frog	<i>Uperodon globulosum</i>	Nocturnal, ground dwelling, found nearby temporary water bodies, agricultural paddy fields, forest floors, often sheltering underground
11	Indian Burrowing Frog	<i>Sphaerotheca breviceps</i>	Burrowing , found in agricultural fields, open forests, plantations and nearby temporary water bodies
12	Fungoid Frog	<i>Hydrophylax malabaricus</i>	Nocturnal, found nearby agricultural fields, plantations, evergreen forests and nearby temporary water bodies, along the edges and on the rocks in slow moving water bodies
13	Castle Rock Night Frog	<i>Nyctibatrachus petraeus</i>	Nocturnal, found nearby slow running stream and on the rocks in slow moving water bodies
14	Fungoid Frog	<i>Rhacophorus malabaricus</i>	Nocturnal, found nearby agricultural fields, plantations, evergreen forests and nearby temporary water bodies, along the edges and on the rocks in slow moving water bodies

Some images of Frogs, Toads, Egg mass and Field trip

1. *Polypedates maculatus* Frog and Egg mass



2. *Rhacophorus malabaricus*



3. *Sphaerotheca breviceps*



4. *Euphlyctis cyanophlyctis*



5. *Hydrophylax malabaricus*



6. *Hoplobatrachus tigerinus* Froglet of *Hoplobatrachus tigerinus*



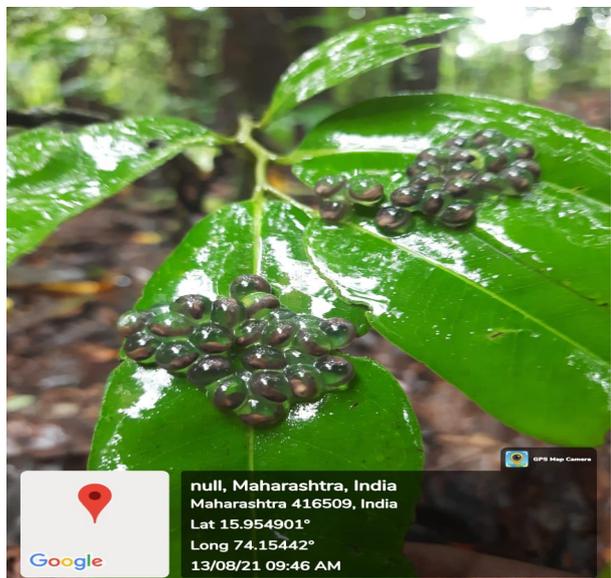
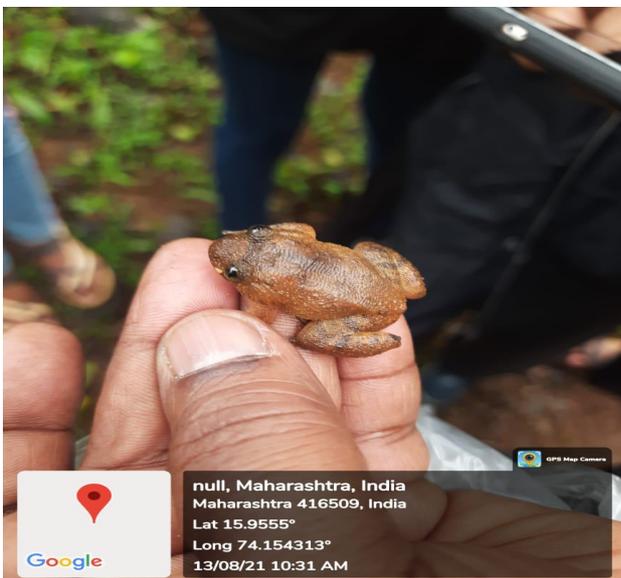
7. *Duttaphrynus melanostictus*



8. *Pseudophilautus amboli*



9. *Nyctibatrachus petraeus* frog and Egg mass



Images showing Students involvement in Field work

