

Supplemental information: **Tables**

Seven new species of Night Frogs (Anura, Nyctibatrachidae) from the Western Ghats Biodiversity Hotspot of India, with remarkably high diversity of diminutive forms

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Table S5. Classification matrices from the discriminant function analyses.

| A Observed classification for adult male specimens of <i>Nyctibatrachus anamallaiensis</i> , <i>N. beddomii</i> , <i>N. manalari</i> sp. nov., <i>N. minimus</i> , <i>N. pulivijayani</i> sp. nov., <i>N. robinmoorei</i> sp. nov. and <i>N. sabarimalai</i> sp. nov. | | | | | | | | |
|---|-----------------|-----------------------------|-----------------------|--------------------------|-------------------|------------------------|-----------------------|-----------------------|
| Species | Percent correct | <i>N. anamallaiensis</i> | <i>N. beddomii</i> | <i>N. manalari</i> | <i>N. minimus</i> | <i>N. pulivijayani</i> | <i>N. robinmoorei</i> | <i>N. sabarimalai</i> |
| <i>N. anamallaiensis</i> | 100 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| <i>N. beddomii</i> | 100 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| <i>N. manalari</i> | 100 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| <i>N. minimus</i> | 100 | 0 | 0 | 0 | 14 | 0 | 0 | 0 |
| <i>N. pulivijayani</i> | 100 | 0 | 0 | 0 | 0 | 5 | 0 | 0 |
| <i>N. robinmoorei</i> | 100 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| <i>N. sabarimalai</i> | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Total | 100 | 5 | 10 | 5 | 14 | 5 | 2 | 5 |
| B Observed classification for adult male specimens of <i>Nyctibatrachus athirappillyensis</i> sp. nov., <i>N. deccanensis</i> , <i>N. kempholeyensis</i> , <i>N. minor</i> and <i>N. webilla</i> sp. nov. | | | | | | | | |
| Species | Percent correct | <i>N. athirappillyensis</i> | <i>N. deccanensis</i> | <i>N. kempholeyensis</i> | <i>N. minor</i> | <i>N. webilla</i> | | |
| <i>N. athirappillyensis</i> | 100 | 5 | 0 | 0 | 0 | 0 | | |
| <i>N. deccanensis</i> | 100 | 0 | 15 | 0 | 0 | 0 | | |
| <i>N. kempholeyensis</i> | 90.9 | 0 | 0 | 10 | 1 | 0 | | |
| <i>N. minor</i> | 33.3 | 0 | 0 | 3 | 2 | 1 | | |
| <i>N. webilla</i> | 100 | 0 | 0 | 0 | 0 | 4 | | |
| Total | 87.8 | 5 | 15 | 13 | 3 | 5 | | |
| C Observed classification for adult male specimens of <i>Nyctibatrachus acanthodermis</i> , <i>N. gavi</i> , <i>N. grandis</i> , <i>N. major</i> , <i>N. radcliffei</i> sp. nov. and <i>N. sylvaticus</i> . <i>Nyctibatrachus indraneili</i> was excluded from DFA due to availability of a single representative. | | | | | | | | |
| Species | Percent correct | <i>N. acanthodermis</i> | <i>N. gavi</i> | <i>N. grandis</i> | <i>N. major</i> | <i>N. radcliffei</i> | <i>N. sylvaticus</i> | |
| <i>N. acanthodermis</i> | 100 | 4 | 0 | 0 | 0 | 0 | 0 | |
| <i>N. gavi</i> | 100 | 0 | 2 | 0 | 0 | 0 | 0 | |
| <i>N. grandis</i> | 100 | 0 | 0 | 3 | 0 | 0 | 0 | |
| <i>N. major</i> | 100 | 0 | 0 | 0 | 7 | 0 | 0 | |
| <i>N. radcliffei</i> | 100 | 0 | 0 | 0 | 0 | 5 | 0 | |
| <i>N. sylvaticus</i> | 100 | 0 | 0 | 0 | 0 | 0 | 4 | |
| Total | 100 | 4 | 2 | 3 | 7 | 5 | 4 | |