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PHENOLOGY OF NATIVE TREE SPECIES IN TANKAWATI NATURAL FOREST, CHITTAGONG (SOUTH) FOREST DIVISION, BANGLADESH

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ABSTRACT: Phenological study was conducted in Tankawati Natural forest, Chittagong (South) Forest Division, Bangladesh from May 2006 to September 2007. A total of 56 naturally growing native tree species were recorded of which, the peak flowering period of maximum species (13 species) was in the month of March and the peak fruiting period of maximum species (11 species each), in the month of May and September. Summer (March to June) exhibited optimum time for both flowering and fruiting, indicating both flowering and fruiting being advanced with high temperature and draught. Leaf fall delayed and leaf flashing advanced due to rains and high temperature. The phenological information would be useful for planning of fruit and seed collection and also to sustain regeneration programs.

Keywords: *Flowering, Fruiting, Native tree species, Phenology, Seed Production*