

## ABSTRACT

### INVENTORY OF ORNAMENTAL PLANTS OF THE ARACEAE FAMILY AT MADIRSAN PARK AREA OF DESA BANGUN SARI BARU IN THE DEVELOPMENT OF MONOGRAPH TEACHING MATERIALS

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This study aims to inventory the morphological characteristics of plants, and the number of the types of ornamental plants of Aruceae (Taro) family found in Madirsan Park Area, especially in hamlets XI and XII of Bangun Sari Baru Village, where the results of this inventory can be used to develop the Biology teaching materials. This study was conducted by direct observation and recording of Araceae plant species in Madirsan Park Area, especially in hamlets XI and XII of Bangun Sari Baru Village in June-August 2024 using exploratory descriptive methods and purposive sampling techniques. From the results of this research, 12 genera with a total of 20 species of ornamental plants in Araceae family were found, namely *Aglaonema commatatan* (*Aglaonema*), *Alocasia longiloba* (*Alocasia*), *Alocasia machorrhizos* (*Alocasia*), *Alocasia micholitziana* sander (*Alocasia*), *Anthurium andreaman linden* (*Anthurium*), *Anthurium scherzerianum* (*Anthurium*), *Caladinon bis color* (*Caladium*), *Colocasia escidenta* (*Colocasia*), *Dieffenbachia seguine* (*Dieffenbachia*), *Epipremmen aureum* (*Epipremnum*), *Epipremnum pinnatum* (*Epipremnum*), *Monstera deliciosa* (*Monstera*), *Philodendron crubencens* (*Philodendron*), *Philodendron hederaceum* (*Philodendron*), *Plulodendron martiamum* (*Philodendron*), *Philodendron xanadu* (*Philodendron*), *Spathiphyllum connifolium* (*Spathiphyllum*), *Syngonum podophyllum* (*Syngonium*), *Syngontum wendlandi* (*Syngonium*), and *Thatanatophyllum xanadu* (*Thaumatophyllum*). The most dominant ornamental plants at Araceae family level in Madirsan Park are in the *Philodendron* genus with 4 species of ornamental plants.

Araceae has characteristics in the form of a spadix inflorescence surrounded by a spathe. This family generally has heart-shaped leaves with a notched base, pinnate leaf veins, and a wet stem that grows upright. Each species in Araceae family, such as *Monstera deliciosa* has heart-shaped leaves with serrated edges, while *Anthurium andreanuni* has heart-shaped leaves with flat edges. *Dieffenbachia seguine* has oval and blunt leaves, and *Caladium biscolor* has elliptical leaves with serrated edges. These plants are included in the monocotyledon group that has fibrous roots. The results of this ornamental plant inventory can be used to develop the biology teaching materials in the form of Monographs.

**Keywords : Inventory, Ornamental Plants, Madirsan Park, Monograph.**