

**WAHID AHMAD. 04341411034. IDENTIFIKASI MATA AIR DI DESA
MOREALA KECAMATAN PATANI BARAT
KABUPATEN HALMAHERA TENGAH.**

¹Wahid Ahmad, ²Hi. Abdul Kadir Kamaluddin, ²Rosita

¹Mahasiswa Program Studi Kehutanan Fakultas Pertanian Universitas Khairun

²Staf Pengajar Program Studi Kehutanan Fakultas Pertanian Universitas Khairun

Email: wahidahmadgamausa@gmail.com

ABSTRAK

Air mempunyai peranan penting bagi semua kehidupan di dunia ini, tanpa air mustahil ada kehidupan di dunia ini. Air mempunyai peranan penting dalam menunjang semua aktifitas manusia. Tujuan penelitian ini adalah mengetahui jumlah mata air di Desa Moreala Kecamatan Patani Barat Kabupaten Halmahera Tengah, mengetahui kualitas fisika dan kimia air dan mengetahui jenis vegetasi pohon disekitar mata air. Penelitian ini dilaksanakan pada bulan November hingga Januari 2021, bertempat di Desa Moreala Kecamatan Patani Barat Kabupaten Halmahera Tengah. Metode yang digunakan dalam penelitian ini menggunakan metode *deskriptif*, dengan pendekatan *survey* dan wawancara. Hasil penelitian terdapat sembilan mata air yang teridentifikasi dan memiliki kualitas baik untuk dapat dimanfaatkan oleh masyarakat setempat serta beberapa vegetasi pendukung sebagai penunjang keberadaan mata air. Kualitas air dari pengamatan fisika dan kimiawi memiliki pH netral yang berada pH 7,0-7,5. Pada vegetasi terdapat 16 spesies, dari 12 famili yang dijumpai famili *Arecaceae* mendominasi jumlah spesies yakni 4 spesies.

Kata Kunci: Identifikasi, Air, Vegetasi

**WAHID AHMAD. 04341411034. IDENTIFICATION OF SPRINGS
IN MOREALA VILLAGE, PATANI BARAT DISTRICT CENTRAL
HALMAHERA REGENCY.**

¹Wahid Ahmad, ²Hi. Abdul Kadir Kamaluddin, ²Rosita

¹Student of Forestry Study Program, Faculty of Agriculture, Khairun University

²Teaching Staff of the Forestry Study Program, Faculty of Agriculture, Khairun
• University

Email: wahidahmadgamausa@gmail.com

ABSTRACT

Water has an important role for all life in this world, without water it is impossible for life to exist in this world. Water has an important role in supporting all human activities. The purpose of this study was to determine the number of springs in Moreala Village, West Patani District, Central Halmahera Regency, to determine the physical and chemical quality of the water and to determine the type of tree vegetation around the springs. This research was conducted from November to January 2021, located in Moreala Village, West Patani District, Central Halmahera Regency. The method used in this research is descriptive method, with a survey and interview approach. The results of the study showed that nine springs were identified and had good quality to be used by the local community as well as some supporting vegetation to support the existence of the springs. Water quality from physical and chemical observations has a neutral pH, which is pH 7.0-7.5. In the vegetation there are 16 species, of the 12 families found, the Arecaceae family dominates the number of species, namely 4 species.

Keyword: Identification, Spring, Vegetation