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About the Journal

Biospecies a scientific journal published by the Biology Education Studies Program Faculty of Teacher Training and Education Jambi University since 2008. Publishing year the volume consists of two numbers, on January and July. At the beginning of the publication received the manuscript in the form of research articles and articles insights derived from the faculty at the University of Jambi and published in hardcopy as well as offline. Since the year 2012 Journal Biospecies only accept manuscripts that are the result of research. The article published the results of biological research. Biospecies Scope field includes research in the field of biological sciences clumps like taxonomy, physiology, sistematka, genetics, and ecology

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Currently Biospecies own P-ISSN number 19790902, E-ISSN 2503-0426, and has been listed on Higher Education Arjuna. In 2016 Biospecies get Governance Grants Accreditation to the electronic Journal of Intellectual Property Management Directorate, Directorate General for Strengthening Research and Development, Ministry of Research, Technology and Higher Education, Jakarta, with a letter of assignment agreement number: 024 / e5.2 / btbi / v / 2016 dated May 20, 2016. Various activities have been carried out to improvement journal towards accreditation is; workshops editorial board, training development of *web design* and *online sub mission*, as well as training for the autor writing scientific articles. As a result of the current training biospecies already indexed in Google Scholar, IPI, and DOI Crossreff with identifier number 10.22437. Since 11th August 2017 Biospecies have [DOAJ](#) index. This year Biospecies will be registered for accreditation through the Higher Education arjuna.dikti.go.id.

Since vol 11 no 2 (July 2018), each s publications contains 10 article , previously only 5 article.

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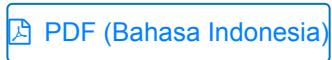
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Analysis The Number of Bacteria in *Anadara granosa* Shell Toothpaste With Addition Of *Citrus medica* With Different Storage Duration

Analisis Jumlah Bakteri Pasta Gigi Cangkang *Anadara granosa* yang Diberi *Citrus medica* Dengan Waktu Penyimpanan Yang Berbeda

Margaretha Solang

Universitas Negeri Gorontalo

Marwan Hasan

Universitas Negeri Gorontalo

Syam S. Kumaji

Universitas Negeri Gorontalo

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Keywords: *Anadara granosa*, Antibacterial, *Citrus medica*, Storage Duration, Toothpaste

Abstract

The objective of the present work was aimed at analyzing the number of bacteria in *Anadara granosa* shell Toothpaste with the addition of *Citrus medica* with different storage duration. Relying on a completely randomized design, the factors of this research consisted of two, namely volume of the extract of *Citrus medica* with different treatments (0 mL, 2 mL, 4 mL, and 6 mL) and the storage duration with different treatments (1 day, 7 days, 14 days, 21 days, and 28 days) with six replications. A total plate count (TPC) method was applied in calculating of bacteria. The data were analyzed using a two-way ANOVA and a DMRT test with a significance of 5%. The results found that the provision of *Citrus medica* with different storage times interacted significantly ($p = 0.00$) on the number bacteria in *Anadara granosa* shell Toothpaste. The Number of bacteria of *Anadara granosa* toothpaste with the addition of 6 mL of *Citrus medica* stored for 28 days was 9.0×10^1 ; this was within the normal limit set by the Indonesian National Standard (SNI).

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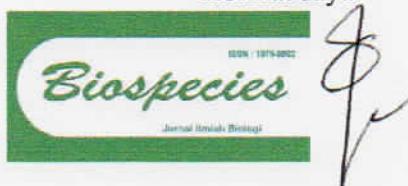
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