



ABSTRAK

ISOLASI DAN IDENTIFIKASI BAKTERI PADA KLOAKA BURUNG *LOVEBIRD* (*Agapornis* sp.)

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Penelitian ini bertujuan untuk mengisolasi dan mengidentifikasi bakteri yang terdapat pada kloaka burung *lovebird* (*Agapornis* sp.) yang dipelihara di peternakan. Sampel diambil dari sepuluh ekor *lovebird* yang sehat dan dianalisis di Balai Besar Veteriner Wates. Isolasi dilakukan dengan inokulasi pada media PAD, NA, dan MCA, diikuti dengan identifikasi berdasarkan morfologi koloni, pengecatan Gram, serta serangkaian uji biokimia. Hasil penelitian menunjukkan sembilan jenis bakteri yang berhasil diidentifikasi, yaitu *Staphylococcus epidermidis*, *Staphylococcus saprophyticus*, *Enterococcus faecalis*, *Bacillus* sp., *Staphylococcus* sp., *Aerococcus* sp., *Acinetobacter* sp., *Alcaligenes* sp., dan *Pseudomonas* sp. Terdapat bakteri Gram-positif dan Gram-negatif yang ditemukan, namun bakteri Gram-positif lebih banyak ditemukan pada sampel *swab* kloaka *lovebird*.

Kata kunci: *Lovebird*, *Kloaka*, *Isolasi bakteri*, *Identifikasi bakteri*



ABSTRACT

ISOLATION AND IDENTIFICATION OF BACTERIA IN THE CLOACA OF LOVEBIRDS (*Agapornis* sp.)

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This study aimed to isolate and identify bacteria present in the cloaca of lovebirds (*Agapornis* sp.) kept in a breeding farm. Samples were collected from ten healthy lovebirds and analyzed at the Wates Veterinary Research Center. Isolation was carried out by inoculating samples onto PAD, NA, and MCA media, followed by identification based on colony morphology, Gram staining, and a series of biochemical tests. The results revealed nine types of bacteria that were successfully identified: *Staphylococcus epidermidis*, *Staphylococcus saprophyticus*, *Enterococcus faecalis*, *Bacillus* sp., *Staphylococcus* sp., *Aerococcus* sp., *Acinetobacter* sp., *Alcaligenes* sp., and *Pseudomonas* sp. Both Gram-positive and Gram-negative bacteria were found, but Gram-positive bacteria were more commonly isolated from the lovebird cloacal swab samples.

Keywords: *Lovebird, Cloaca, Bacterial isolation, Bacterial identification*