<table>
<thead>
<tr>
<th>No.</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CRITICAL PERCENTAGES BY ADDING ALCOHOL 70% TOWARD WATER IN OIL CREAM</td>
<td>84 - 90</td>
</tr>
<tr>
<td>2</td>
<td>PROTECTIVE EFFECT OF PROPOLIS EXTRACT ON HISTOPATHOLOGICAL FEATURES OF MICEâ€™S (Mus musculus) LIVER INDUCED BY LEAD ACETATE</td>
<td>91 - 99</td>
</tr>
<tr>
<td>3</td>
<td>Most Probable Number Of Escherichia coli On Beef Of Cattle At Krian Sidoarjo Abattoir</td>
<td>100 - 106</td>
</tr>
<tr>
<td>4</td>
<td>THE EFFECT OF GINGER JUICE (Zingiber officinale) ON MILKFISH (Chanos chanos) TOTAL BAKTERIAL</td>
<td>107 - 112</td>
</tr>
<tr>
<td>5</td>
<td>ANALYSIS OF HELMINTHIASIS ON SUMATRAN TIGER (Panthera tigris sumatrae) IN GUNUNG BAYAN LESTARI ZOO AT WEST KUTAI DISTRICT EAST BORNEO</td>
<td>113 - 119</td>
</tr>
<tr>
<td>6</td>
<td>THE INFLUENCE OF TOMATO PASTE (Lycopersicon esculentum) ADMINISTRATION AGAINST TO THE NUMBER OF LEYDIG CELLS OF MICE (Mus musculus) EXPOSED TO BORAX</td>
<td>120 - 127</td>
</tr>
<tr>
<td>7</td>
<td>HEPATOPROTECTIVE POTENCY OF TOMATO PASTA (Lycopersicon esculentum) AGAINST HISTOPATHOLOGICAL APPERANCE OF MICE (Mus musculus) LIVER EXPOSED TO BORAX</td>
<td>128 - 135</td>
</tr>
<tr>
<td>8</td>
<td>EFFECT DIFFERENT CONCENTRATION OF ETHANOL EXTRACT TREE MARIGOLD (Tithonia diversifolia (Hemls.) A. Gray) LEAVES AGAINST Candida albicans</td>
<td>136 - 141</td>
</tr>
<tr>
<td>9</td>
<td>THE EFFECT OF Spirulina platensis Extract on Histopathology of WHITE MALE RATS (Rattus norvegicus) IN OXIDATIVE STRESS</td>
<td>142 - 147</td>
</tr>
<tr>
<td>10</td>
<td>RATâ€™S ALGOR MORTIS IN ROOM WITH AMBIENT TEMPERATURE AND ROOM WITH 20Â°C TEMPERATURE</td>
<td>148 - 152</td>
</tr>
<tr>
<td>12</td>
<td>POTENTIAL PROTECTION OF TOMATO PASTE (Lycopersicon esculantum) AGAINST KIDNEY HISTOPATHOLOGIC PICTURE OF MICE (Mus musculus) EXPOSED TO BORAX</td>
<td>161 - 167</td>
</tr>
</tbody>
</table>
ANALYSIS OF HELMINTHIASIS ON SUMATRAN TIGER (Panthera tigris sumatrae) IN GUNUNG BAYAN LEASTARI ZOO AT WEST KUTAI DISTRICT EAST BORNEO

1. Muchamad Achsinul Fikri Ma'ruf --> Mahasiswa Fakultas Kedokteran Hewan
2. Herry Agoes Hermadi --> Dosen Fakultas Kedokteran Hewan
3. Mirni Lamid --> Dosen Fakultas Kedokteran Hewan

Abstract

This study was aimed to analyze helminthiasis on Sumatran tiger (Panthera tigris sumatrae) in Gunung Bayan Lestari Zoo. Total eight samples took and examined in Laboratory of Parasitology, Universitas Airlangga by means native, sedimentation, and floating method. Then positive samples which containing worm eggs counted the number of worm eggs per gram feces (TCPGT) by the Lucient Brumpt method to measure the infection rate of helminthiasis. Species of worm eggs that found were Ancylostoma tubaeforme (75%) and Strongyloides stercoralis (25%). The infection rate showed four samples classified as mild infection and one sample was classified as medium infection and the presentation of infection rate that occurred was mild infection by 50%, medium infection by 12.5%, high infection by 0%, and no infection by 37.5%. The role of cage, sanitation, and nutrition in proportion to the infection rate, which was 75% of maintenance management aspects have correlation to helminthiasis

Keyword : Sumatran, Tiger, Helminthiasis, Infection, ,

Daftar Pustaka :