

**DAFTAR ALAT**  
**LABORATORIUM TAKSONOMI, STRUKTUR DAN PERKEMBANGAN TUMBUHAN**  
**JURUSAN BIOLOGI FMIPA UNIVERSITAS BRAWIJAYA**  
**TAHUN 2014**

| No. | Nama Alat                           | Jumlah alat | Type dan merk      | Tahun barang | Kondisi alat | Sumber dana | Rata-rata penggunaan |        |
|-----|-------------------------------------|-------------|--------------------|--------------|--------------|-------------|----------------------|--------|
|     |                                     |             |                    |              |              |             | Jam                  | Minggu |
| 1   | Mikroskop binokular                 | 5           | Meijilabak         | 1980         | Baik         | DN          | 40                   | 4      |
| 2   | Mikroskop monokular                 | 10          | Karlkop            | 1980         | Baik         | DN          | 40                   | 4      |
| 3   | Mikroskop stereo                    | 2           | Euromax            | 1994         | Baik         | LN          | 40                   | 4      |
| 4   | Loupe 10x                           | 13          | Eschinbach         | 1994         | Baik         | LN          | 40                   | 4      |
| 5   | Disecting set                       | 10          | Eschinbach         | 1990         | Rusak Berat  | LN          | --                   | -      |
| 6   | Altimeter                           | 1           | Haga               | 1981         | Baik         | LN          | 40                   | 4      |
| 7   | Desicator                           | 18          | Leybold            | 1990         | Baik         | LN          | 40                   | 4      |
| 8   | Cup bottle tube                     | 2           | Pyrex              | 1990         | Baik         | LN          | 40                   | 4      |
| 9   | Kompur listrik                      | 1           | EGD 1000w          | 1981         | Rusak        | DN          | -                    | -      |
| 10  | Colony counter                      | 1           | Reinhart           | 1983         | Rusak        | DN          | -                    | -      |
| 11  | Film slide                          | 3 set       | Verlag             | 1990         | Baik         | LN          | 40                   | 4      |
| 12  | Field binocular                     | 4           | Pegasus            | 1990         | Baik         | LN          | 40                   | 4      |
| 13  | Kompas                              | 4           | Suntoo             | 1990         | Baik         | LN          | 40                   | 4      |
| 14  | Gambar peraga bunga (print painted) | 16          | Samsung Model      | 1990         | Baik         | LN          | 40                   | 4      |
| 15  | Alat peraga tumbuhan (Fiber)        | 9           | Samsung Model      | 1990         | Baik         | LN          | 40                   | 4      |
| 16  | Kulkas                              | 1           | Sanyo              | 1990         | Rusak        | LN          | 168                  | 7      |
| 17  | Komputer PC                         | 1           | Pentium 4          | 2002         | Baik         | TPSDP       | 40                   | 4      |
| 18  | Stavolt                             | 1           | Matsunaga 500V     | 2002         | Baik         | TPSDP       | 40                   | 4      |
| 19  | Meja komputer                       | 1           | Dim: 1.5x0.6x0.7 m | 2002         | Baik         | TPSDP       | 40                   | 4      |

|    |  |   |  |      |      |                                |    |   |
|----|--|---|--|------|------|--------------------------------|----|---|
| 20 | Laser pointer                              | 1 | Pull out/push in lighted tip extends to 23.5"  | 2002 | Baik | TPSDP                          | 40 | 4 |
| 21 | Printer bubblejet                          | 1 | Canon BJC-2100SP   | 2002 | Baik | TPSDP                          | 40 | 4 |
| 22 | Oven herba                                 | 1 | Chromeplat   | 2002 | Baik | Hibah mahasiswa penerima TPSDP | 10 | 3 |
| 23 | Dispenser                                  | 1 | Yongma 10 liter 220V   | 2002 | Baik | Hibah mahasiswa penerima TPSDP | -  | - |
| 24 | Komputer PC                                | 1 | Proc.intel P4/1.7 G.hz 428 pin.MB. Monitor GTC Millenia 17", Speaker active+sub wofer , casing midle tower atx, mouse+ped A-4tech, CD Writer , desk, Stavol 220 matsunaga 500 w      | 2002 | Baik | TPSDP                          | 50 | 7 |
| 25 | Kompor spiritus                            | 2 | tanpa merk, tanpa tipe   | 2003 | Baik | Hibah mahasiswa penerima TPSDP | -  | - |
| 26 | Kompor listrik                             | 1 | Maspion SH-31  | 2003 | Baik | Jurusan                        | -  | - |
| 27 | Mug aluminium                              | 2 | Paramount  | 2003 | Baik | Jurusan                        | -  | - |
| 28 | Bulb lamp microscope                       | 5 | Bulb lamp NIKON SE 380, 20 w/220 with reflector  | 2003 | Baik | TPSDP                          | -  | - |
| 29 | Bulb lamp for stereo microscope projection | 3 | Bulb lamp for NIKON sterepmicroscope SMZ-1,6v,20w, halogen lamp  | 2003 | Baik | TPSDP                          | -  | - |
| 30 | CH-20 BIM binocular microscope for student | 4 | OLYMPUS. Binocular observation tube (inclination 45°, interpapillary distance adjusment range 53-75 mm) with mechanical stage right hand 4xM, 10xM, 100xM, FN 18 mm, ocular lens 40x | 2003 | Baik | TPSDP                          | 40 | 4 |

|    |                                  |   |  |      |      |       |    |   |
|----|----------------------------------|---|--|------|------|-------|----|---|
| 31 | Hand tally counter               | 5 | Crome-plated, equipped with recording lever, reset knob, and finger ring                                 | 2003 | Baik | TPSDP | 40 | 4 |
| 32 | Flex-cam camera                  | 1 | Video flex 7100 series, ken-vision   | 2003 | Baik | TPSDP | 40 | 4 |
| 33 | Digital caliper                  | 1 | Digital caliper mitutoyo Accuracy :0.001 mm,6, type 500-196  | 2003 | Baik | TPSDP | 40 | 4 |
| 34 | Thermometer maximum-minimum      | 1 | Extech instruments, recording thermometer/clock  | 2003 | Baik | TPSDP | 40 | 4 |
| 35 | Ocular micrometer                | 1 | Eyemicrometer for universal fit. Dia 20mm, linear scale to 10 mm in 0.1 mm with everytenth lime numbered | 2003 | Baik | TPSDP | 40 | 4 |
| 36 | Binocular microscope for student | 1 | OLYMPUS, Model: CX21-BIM   | 2004 | Baik | TPSDP | 40 | 4 |
| 37 | Digital caliper                  | 2 | Cole-Parmer, Cat.No.: U-97231-20   | 2004 | Baik | TPSDP | 40 | 4 |
|    |                                  |   | Cole-Parmer, Cat.No.: U-09376-23 (replacement batteries, 1.5V)   |      |      |       |    |   |
| 38 | Dissecting set                   | 4 | Daigger, Cat..No. MX7244A  | 2004 | Baik | TPSDP | 40 | 4 |
| 39 | Telescopis pruner                | 1 | Forestry, Cat.No.: 81160   | 2004 | Baik | TPSDP | 40 | 4 |
| 40 | Dataplan                         | 2 | Elite 451-AO   | 2004 | Baik | TPSDP | -  | - |
| 41 | Filling cabinet                  | 1 | Elite B444-C   | 2004 | Baik | TPSDP | -  | - |
| 42 | Drawing desk                     | 1 | Bofa-A1  | 2004 | Baik | TPSDP | -  | - |
| 43 | First aid kit                    | 1 | Cole-Parmer, Cat.No.: U-86103-03   | 2004 | Baik | TPSDP | -  | - |
| 44 | Clamp-on hand microtome          | 6 | Euromex MT.5503 Clamp-on hand microtome  | 2006 | Baik | TPSDP | 40 | 4 |
| 45 | Freezer                          | 1 | GEA  | 2006 | Baik | TPSDP | 40 | 4 |

|    |                                       |   |   |      |      |         |    |   |
|----|---------------------------------------|---|---|------|------|---------|----|---|
| 46 | Komputer PC                           | 1 |   | 2006 | Baik | TPSDP   | 40 | 4 |
| 47 | Printer                               | 1 |   | 2007 | Baik | TPSDP   | 40 | 4 |
| 48 | UPS                                   | 1 |   | 2006 | Baik | TPSDP   | 40 | 4 |
| 49 | Digital camera                        | 1 | Nikon, Japan, Type D200   | 2007 | Baik | TPSDP   | 40 | 4 |
| 50 | OHP                                   | 1 | Merk 3M   | 2007 | Baik | TPSDP   |    |   |
| 51 | Filling cabinet                       | 3 |   | 2007 | Baik | TPSDP   |    |   |
| 52 | GPS (Geographical Positioning System) | 1 |   | 2007 | Baik | I-MHERE | 40 | 4 |
| 53 | Binocular microscope for student      | 1 | OLYMPUS. Binocular observation tube (inclination 45°, interpapillary distance adjustment range 53-75 mm) with mechanical stage right hand 4xM, 10xM, 100xM, FN 18 mm, ocular lens 40x   | 2007 | Baik | I-MHERE | 40 | 4 |
| 54 | Double door herbarium cabinet         | 1 | Double door cabinets feature 38.7 cubic feet of storage space, two pullout reference shelf for use as extra workspace, and 52 storage compartments separated and strengthened by a beaded center divider. All compartments are 5 7/8" H x 12 1/2"W x 17 1/2"D. Other features include: swivel levelers, 5 " recessed locking key handle, water shield cap, closed cell Vanguard Seal for airtight dustproof protection, convenient lift off door, 3 point locking system, nickel plated hardware, cushioned drawer bumpers, 3"x5" label | 2008 | Baik | I-MHERE | -  | - |

|    |                              |   |   |      |      |         |    |   |
|----|------------------------------|---|---|------|------|---------|----|---|
|    |                              |   | holder on each drawer, and powder coated paint finish that won't off-gas.   |      |      |         |    |   |
| 55 | Refrigerator/lemari es       | 1 | Toshiba, GR-R21ET   | 2012 | Baik | I-MHERE | -  | - |
| 56 | Reflux condenser (Glassware) | 1 | Kapasitas labu didih 250 ml, heating mantle   | 2013 | Baik | I-MHERE | 40 | 4 |
| 57 | Stereozoom camera microscope | 1 | KH-48923-47 Stage<br>dimention :<br>165 mm x 220 mm<br>Icidental light source :<br>12 V, 15 W halogen<br>Resolution :<br>2.0 megapixel<br>Cables (supplied) :<br>USB 2.0<br>Power (VAC, Hz) :<br>100/240, 50/60 | 2010 | Baik | I-MHERE | 40 | 4 |
| 58 | Clamp-on hand microtome      | 1 | Euromex MT.5503 Clamp-on hand microtome   | 2012 | Baik | I-MHERE | 40 | 4 |

|    |  |   |  |      |      |         |    |   |
|----|--|---|--|------|------|---------|----|---|
| 59 | Hand cylinder microtome  | 1 | Euromex MT.5500 Hand cylinder microtome  | 2012 | Baik | I-MHERE | 40 | 4 |
| 60 | Compact multifunction environmental meters                         | 2 | KH-99841-04, Dimensions :<br>Palm-size:<br>2"W x 4"H x 1"D<br>Power (included):<br>Palm-size : two AA batteries  | 2012 | Baik | I-MHERE | 40 | 4 |
| 61 | Portable precision, top-loading balances, talent series, Sartorius | 1 | Sartorius, TE3102S,<br>Readability,g : 0.01<br>Capacity, g: 3100<br>Reproducibility,g<br>(Std.Div.),g : <±0.01<br>Linearity, g: <±0.02<br>Response (Time, s): 2.5<br>Pan size, cm(in.) : 17.4 x<br>14.3 (6 <sup>7</sup> / <sub>8</sub> x 5 <sup>5</sup> / <sub>8</sub> ) | 2012 | Baik | I-MHERE | 40 | 4 |
| 62 | Thermohygrometer with Large Dial                                   | 1 | Oakton EW-35700-20   | 2012 | Baik | I-MHERE | 40 | 4 |
| 63 | Komputer PC  | 1 |  | 2012 | Baik | DN      | 40 | 4 |
| 64 | LCD  | 1 | Panasonic  | 2013 | Baik | DN      | 40 | 4 |
| 65 | Binocular microscope for student                                   | 2 | OLYMPUS. Binocular observation tube (inclination 45°, interpapillary distance adjusment range 53-75 mm) with mechanical stage right hand 4xM, 10xM, 100xM, FN 18 mm, ocular lens 40x   | 2013 | Baik | DN      | 40 | 4 |
| 66 | Binocular microscope for student                                   | 2 | Nikon, Japan   | 2014 | Baik | DN      | 40 | 4 |