## DAFTAR ISI

<table>
<thead>
<tr>
<th>Halaman</th>
</tr>
</thead>
<tbody>
<tr>
<td>RINGKASAN .................................................................................................................. v</td>
</tr>
<tr>
<td>SUMMARY ...................................................................................................................... vii</td>
</tr>
<tr>
<td>KATA PENGANTAR ........................................................................................................ xi</td>
</tr>
<tr>
<td>UCAPAN TERIMA KASIH ................................................................................................. x</td>
</tr>
<tr>
<td>DAFTAR ISI ..................................................................................................................... xii</td>
</tr>
<tr>
<td>DAFTAR GAMBAR ........................................................................................................... xv</td>
</tr>
<tr>
<td>DAFTAR TABEL ............................................................................................................... xvi</td>
</tr>
<tr>
<td>DAFTAR LAMPIRAN .......................................................................................................... xvii</td>
</tr>
</tbody>
</table>

### I PENDAHULUAN ........................................................................................................ 1
  1.1 Latar Belakang ......................................................................................................... 1
  1.2 Tujuan ...................................................................................................................... 3
  1.3 Manfaat .................................................................................................................... 4

### II TINJAUAN PUSTAKA ............................................................................................. 5
  2.1 Klasifikasi dan Morfologi Ikan Synodontis (*Synodontis eupterus*) .................... 5
    2.1.1 Klasifikasi Ikan Synodontis (*Synodontis eupterus*) ..................................... 5
    2.1.2 Morfologi ......................................................................................................... 5
  2.2 Habitat dan Persebaran ............................................................................................ 6
  2.3 Makanan dan Kebiasaan Makan ............................................................................. 7
  2.4 Reproduksi .............................................................................................................. 8
  2.5 Teknik Pembenihan ............................................................................................... 9
    2.5.1 Pemeliharaan Induk ..................................................................................... 9
    2.5.2 Persiapan Wadah ......................................................................................... 9
    2.5.3 Proses Pemijahan dengan Metode Suntik Hormon ....................................... 10
    2.5.4 Penetasan Telur ............................................................................................. 12
    2.5.5 Pemeliharaan Larva ...................................................................................... 13
  2.6 Kualitas Air ............................................................................................................ 13
2.7 Hama dan Penyakit ................................................................. 14

III PELAKSANAAN KEGIATAN ....................................................... 15

3.1 Tempat dan Waktu ............................................................... 15
3.2 Metode Kerja ................................................................. 15
3.2.1 Data Primer ................................................................. 15
A. Observasi ........................................................................ 16
B. Wawancara .................................................................... 16
C. Partisipasi Aktif ......................................................... 17
3.3.2 Data Sekunder ......................................................... 17

IV HASIL DAN PEMBAHASAN .................................................. 18

4.1 Keadaan Umum Lokasi Praktek Kerja Lapang .................. 18
4.1.1 Letak Geografis dan Keadaan Alam ......................... 18
4.1.2 Sejarah Perkembangan BRBIH Depok, Jawa Barat ...... 19
4.1.3 Visi dan Misi BRBIH Depok, Jawa Barat ............... 20
4.1.4 Struktur Organisasi ................................................ 20
4.2 Sarana dan Prasarana ..................................................... 20
4.2.1 Sarana Budidaya .................................................. 21
A. Sumber Air ............................................................. 21
B. Sumber Tenaga Listrik .............................................. 22
C. Suplai Oksigen (Aerasi) ........................................... 22
D. Wadah Budidaya ...................................................... 23
4.2.2 Prasarana Budidaya ............................................... 23
A. Hatchery atau Hanggar ........................................ 23
B. Bangunan Kantor BRBIH Depok .................................. 24
C. Laboratorium .......................................................... 24
D. Akses Jalan ............................................................. 24
E. Fasilitas Umum Lain ................................................ 25
4.3 Pembenihan Ikan Synodontis (Synodontis eupterus) ...... 25
4.3.1 Pemeliharaan Induk ................................................ 25
4.3.2 Seleksi Induk ......................................................... 27
4.3.3 Persiapan Wadah Penetasan Telur ......................... 29
4.3.4 Proses Pemijahan dengan Metode Kawin Suntik ...... 30
4.3.5 Stripping dan Fertilisasi ....................................... 34
4.3.6 Penetasan Telur ..................................................... 37
4.3.7 Pemeliharaan Larva ............................................... 38
4.3.8 Pemeliharaan Benih ............................................... 40
4.4 Kualitas Air ................................................................. 42
4.5 Pengendalian Hama dan Penyakit ................................. 44
4.6 Pemanenan dan Pemasaran ........................................... 45
4.7 Permasalahan dan Potensi Budidaya .......................................................... 46
  4.7.1 Permasalahan Budidaya ..................................................................... 46
  4.7.2 Potensi Budidaya .......................................................................... 46

V SIMPULAN DAN SARAN ............................................................................ 48
  5.1 Simpulan .......................................................................................... 48
  5.2 Saran ............................................................................................... 48

DAFTAR PUSTAKA ...................................................................................... 49

LAMPIRAN ..................................................................................................... 55