

**HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : JURNAL INTERNASIONAL**

Judul Karya Ilmiah : Domestication of Seluang (*Rasbora argyrotaenia*) from The Musi River Waters
 Jumlah Penulis : 3 Orang
 Dian Mutiara, Helmi Haris, and . Nasyiruddin AR
 Status Pengusul : Penulis Kedua
 Identitas Jurnal : a. NamaJurnal : Journal of Physics : Conference Series (JPCS)
 b. ISSN : 1742-6588
 c. Vol. No. Bulan, Thn. : Volume 1375 012016, Nopember 2019
 d. Halaman/Penerbit : IOP Science
 e. DOI Artikel (Jika Ada) : 10.1088/1742-6596/1375/011002
 f. Repository/Web :
<https://iopscience.iop.org/article/10.1088/1742-6596/1375/1/012016>
 g. Terindeks di : Scopus, Q4

Kategori Publikasi Karya Ilmiah : Jurnal Ilmiah Internasional / Internasional Bereputasi
 (beri ✓ pada kategori yang tepat) Jurnal Ilmiah Nasional Terakreditasi
 Jurnal Ilmiah Nasional Tidak Terakreditasi

Hasil Penilaian *Peer Review* :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah			Nilai Akhir Yang Diperoleh
	Internasional/ Int. Bereputasi <input checked="" type="checkbox"/>	Nasional Terakreditasi <input type="checkbox"/>	Nasional Tidak Terakreditasi <input type="checkbox"/>	
a. Kelengkapan Unsur Isi Artikel (10%)	3,0			2,9
b. Ruang Lingkup & Kedalaman Pembahasan (30%)	9,0			8,8
c. Kecukupan & Kemutakhiran Data/Informasi & Metodologi (30%)	9,0			8,9
d. Kelengkapan Unsur & Kualitas Terbitan/Jurnal (30%)	9,0			8,9
Total = (100%)	30			29,5
Nilai Pengusul = 0,2 x 29,5 = 5,9				5,9

CATATAN PENILAIAN ARTIKEL OLEH REVIEWER:

1. Tentang Kelengkapan dan Kesesuaian Unsur :

Isi jurnal sdh lengkap dan memadai sebagai jurnal Internasional bereputasi, km sdh terindeks Scopus, Q4

2. Tentang Ruang Lingkup dan Kedalaman Pembahasan :

Ruang lingkup dan kedalaman pembahasan sdh memadai

3. Kecukupan & Kemutakhiran Data/Informasi & Metodologi :

Data/Informasi yg disajikan sudah cukup dan up to date utk mendukung pembahasan artikel

4. Kelengkapan Unsur & Kualitas Terbitan/Jurnal :

Kelengkapan unsur dan kualitas terbitan sudah memadai. knn sht terindeks Scopus, QA

5. Indikasi Plagiasi :

Tidak terindikasi plagiat karena hsl cek similitudanya hanya 17%

6. Kesesuaian Bidang Ilmu :

linas dgn bidang ilmu penulis yang banyak mendit tentang pangan lkani

Reviewer 1,



Dr. Ir. Mardiah, M.Si.

NIP. 196810081994032002

Jabatan Fungsional/Pangkat : Lektor Kepala/Pembina IVA

Unit Kerja : Universitas Djuanda

**HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : JURNAL INTERNASIONAL**

Judul Karya Ilmiah : Domestication of Seluang (*Rasbora argyrotaenia*) from The Musi River Waters
 Jumlah Penulis : 3 Orang
 Dian Mutiara, Helmi Haris, and . Nasyrudin AR
 Status Pengusul : Penulis Kedua
 Identitas Jurnal : a. NamaJurnal : Journal of Physics : Conference Series (JPCS)
 b. ISSN : 1742-6588
 c. Vol. No. Bulan, Thn. : Volume 1375 012016, Nopember 2019
 d. Halaman/Penerbit : IOP Science
 e. DOI Artikel (Jika Ada) : 10.1088/1742-6596/1375/011002
 f. Repository/Web :
<https://iopscience.iop.org/article/10.1088/1742-6596/1375/1/012016>
 g. Terindeks di : Scopus, Q4

Kategori Publikasi Karya Ilmiah : Jurnal Ilmiah Internasional / Internasional Bereputasi
 (beri ✓ pada kategori yang tepat) Jurnal Ilmiah Nasional Terakreditasi
 Jurnal Ilmiah Nasional Tidak Terakreditasi

Hasil Penilaian Peer Review :

Komponen Yang Dinilai	Nilai Maksimal Jurnal Ilmiah			Nilai Akhir Yang Diperoleh
	Internasional/ Int. Bereputasi	Nasional Terakreditasi	Nasional Tidak Terakreditasi	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
a. Kelengkapan Unsur Isi Artikel (10%)	3,0			3
b. Ruang Lingkup & Kedalaman Pembahasan (30%)	9,0			8,8
c. Kecukupan & Kemutakhiran Data/Informasi & Metodologi (30%)	9,0			8,7
d. Kelengkapan Unsur & Kualitas Terbitan/Jurnal (30%)	9,0			9
Total = (100%)	30			29,5
Nilai Pengusul = 0,2 x 29,5 = 5,9				5,9

CATATAN PENILAIAN ARTIKEL OLEH REVIEWER:

1. Tentang Kelengkapan dan Kesesuaian Unsur :

Kelengkapan dan kesesuaian gaya selengkung, template dan complete jurnal sudah memenuhi syarat sebagai sebuah jurnal

2. Tentang Ruang Lingkup dan Kedalaman Pembahasan :

Kelengkapan dan kedalaman hasil dan pembahasan cukup memadai untuk keperluan DOMESTICATION OF SELUANG

3. Kecukupan & Kemutakhiran Data/Informasi & Metodologi :

Kecukupan dan kemutakhiran data serta metodologi yg digunakan untuk membahas masalah Domestication of silene sudah memadai

4. Kelengkapan Unsur & Kualitas Terbitan/Jurnal :

Kualitas penulisan tidak berinkikasi apa-apa atau predator dan dapat ditelusuri di website jurnal

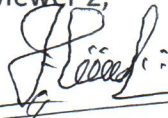
5. Indikasi Plagiasi :

Jurnal tidak berindikasi plagiat

6. Kesesuaian Bidang Ilmu :

Jurnal yg ditulis sesuai bidang ilmu pinguasaan

Reviewer 2,



Dr. Abubakar Iskandar, M.Si

NPP. 213 870 435

Jabatan Fungsional/Pangkat : Lektor Kepala/Pembina IVA

Unit Kerja : Universitas Djuanda

**HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : JURNAL INTERNASIONAL**

Judul Karya Ilmiah : Domestication of Seluang (*Rasbora argyrotaenia*) from The Musi River Waters
 Jumlah Penulis : 3 Orang
 Dian Mutiara, Helmi Haris, and . Nasiruddin AR
 Status Pengusul : Penulis Kedua
 Identitas Jurnal : a. NamaJurnal : Journal of Physics : Conference Series (JPCS)
 b. ISSN : 1742-6588
 c. Vol. No. Bulan, Thn. : Volume 1375 012016, Nopember 2019
 d. Halaman/Penerbit : IOP Science
 e. DOI Artikel (Jika Ada) : 10.1088/1742-6596/1375/011002
 f. Repository/Web :
<https://iopscience.iop.org/article/10.1088/1742-6596/1375/1/012016>
 g. Terindeks di : Scopus, Q4

Kategori Publikasi Karya Ilmiah :
 (beri ✓ pada kategori yang tepat)

Jurnal Ilmiah Internasional / Internasional Bereputasi
 Jurnal Ilmiah Nasional Terakreditasi
 Jurnal Ilmiah Nasional Tidak Terakreditasi

Hasil Penilaian *Peer Review* :

Nilai Jurnal Ilmiah		
Peer Review 1	Peer Review 2	Nilai Rata-Rata
5,9	5,9	5,9
<p><u>KESIMPULAN :</u> Nilai Karya Ilmiah Yang Diusulkan Ke Kopertis Wilayah IV Adalah : 5,9</p>		

Journal of Physics: Conference Series

PAPER • OPEN ACCESS

Domestication of *Rasbora argyrotaenia* from the Musi river waters

D Mutiara¹, H Harris² and N Arsyad³

Published under licence by IOP Publishing Ltd

[Journal of Physics: Conference Series, Volume 1375, Annual Conference of Science and Technology 30 August 2018, Malang, Indonesia](#)

[Malang, Indonesia](#)

Citation D Mutiara et al 2019 *J. Phys.: Conf. Ser.* 1375 012016



References ▾

+ Article information

Abstract

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our [Privacy and Cookies](#) policy.

198 Total downloads

[Turn on MathJax](#)

Share this article



You may also like

JOURNAL ARTICLES

The start-up of denitrifying phosphorus removal system by using nitrite as electron acceptor

Observations of behavioral development on common Porcupines (*Hystrix brachyura*) undergoing domestication

Oil and gas industry lexis translation: discourse-cognitive approach (notions versus terms)

Learning centres potentials for supporting NTFPS production from agroforest systems

PDF

Help

Journal of Physics: Conference Series



The open access *Journal of Physics: Conference Series (JPCS)* provides a fast, versatile and cost-effective proceedings publication service.

[RSS](#) [Sign up for new issue notifications](#)

Latest published conferences

Vol 2102

Conference archive

2021

[View forthcoming volumes](#) accepted for publication.

JOURNAL LINKS

[Journal home](#)

[Journal Scope](#)

[Information for organizers](#)

[Information for authors](#)

[Contact us](#)

[Reprint services from Curran Associates](#)

If you would like more detailed information regarding *Journal of Physics: Conference Series* please visit [conferenceseries.iop.org](#), and if you are interested in publishing a proceedings with IOP Conference Series please visit our page for [conference organizers](#).

Conference organizers can use our [online form](#) and we will get in touch with a quote and further details.

Most read

[Open all abstracts](#)



← → ↻ <https://iopscience.iop.org/issue/1742-6596/1375/1> ☆ 🌐 ⋮

Apps Gmail YouTube Bidang B | SIT LLDik... Maps Mulai Pre-Test | Klik... berkas Reading list

+ Open abstract View article PDF

OPEN ACCESS 012016
Domestication of *Rasbora argyrotaenia* from the Musi river waters
 D Mutiara, H Harris and N Arsyad
 + Open abstract View article PDF

OPEN ACCESS 012017
The ontogenic and feed consumption of Silver Rasbora
 S Anwar, H Harris, D Mutiara and N Arsyad
 + Open abstract View article PDF

OPEN ACCESS 012018
Feasibility analysis of laying hen business of pullet period
 D P Puriastuti, H Leondro and A Sodik
 + Open abstract View article PDF

OPEN ACCESS 012019
Artificial Insemination using liquid sperm Filial Ongole Bull after sexed with different methods
 E D Kusumawati, T Susilawati, N Isnaini, S Rahayu, A P A Yekti, K Kuswati, A Ridhowi and S Rahadi
 + Open abstract View article PDF

This site uses cookies. By continuing to use this site you agree to our use of cookies. To find out more, see our [Privacy and Cookies](#) policy.

← → ↻ <https://www.scimagojr.com/journalsearch.php?q=130053&tip=sid&clean=0> ☆ 🌐 ⋮

Apps Gmail YouTube Bidang B | SIT LLDik... Maps Mulai Pre-Test | Klik... berkas Reading list

● Cited documents ● Uncited documents

Journal of Physics: Conference Series ← Show this widget in your own website

Q4 Physics and Astronomy (miscellaneous) best quartile

SJR 2020 0.21

Just copy the code below and paste within your html code:

```
<a href="https://www.scima
```

powered by scimagojr.com

SCImago Graphica
 Explore, visually

This website uses cookies to ensure you get the best experience on our website Got it!

PAPER • OPEN ACCESS

Domestication of *Rasbora argyrotaenia* from the Musi river waters

To cite this article: D Mutiara *et al* 2019 *J. Phys.: Conf. Ser.* **1375** 012016

View the [article online](#) for updates and enhancements.



IOP | ebooks™

Bringing you innovative digital publishing with leading voices to create your essential collection of books in STEM research.

Start exploring the collection - download the first chapter of every title for free.

Domestication of *Rasbora argyrotaenia* from the Musi river waters

D Mutiara^{1,*}, H Harris² and N Arsyad³

¹Fakultas MIPA, Universitas PGRI Palembang, Indonesia

²Fakultas Perikanan, Universitas PGRI Palembang, Indonesia

³Pemerhati Ikan Seluang, Palembang, Indonesia

*dihartaa@gmail.com

Abstract. The domestication of Seluang fish (*Rasbora argyrotaenia*) has been carried out from the waters of the Musi river in the province of South Sumatra. The aim of determining the original domestication technique as a basic for further research on reproduction or spawning of Seluang fish in bulk and planned and restocking in public waters as an effort to preserve Seluang fish resources. The sampling location was used the Purposive Random Sampling method in 3 locations where there are usually many Seluang fish. Whereas the domestication method used the Experimental method with environmental manipulation treatment in cement tubs measuring 3 x 4 m deep 0.75 m. Fish are given natural and artificial feed for approximately 1 month (week 0 to week 4). The results showed that the domestication process of Seluang Fish (*Rasbora argyrotaenia*) can be done by maintenance in ponds that have been manipulated to resemble their natural habitat with artificial feed. The results showed an increase in weight of 0.0114 grams / day, an increase in length of 0.036 cm / day and survival of 79.01%.

1. Introduction

Seluang (*Rasbora argyrotaenia*) besides being used as a side dish for consumption, it is now also known as ornamental fish. As a consumption fish, Seluang Goreng and Pundang Seluang are very well known in South Sumatra which are usually served in restaurants. The way of life in nature that is clustered (schooled) and reactive, makes it easier to catch it with various tools such as nets, drifting nets, fishing rods, tangkul and others. Better prices have encouraged more intensive fishing (over fishing) from year to year. These actions are feared to damage existing resources. Seluang fish is not only found in the Musi river but also found in the waters around the river. Seluang fish are also found in swamps and creeks [1]. Research by Rosadi et al, *Rasbora argyrotaenia* on the Barito River in South Kalimantan during the dry season was also found in the main rivers, swamps and floodplains while in the dry season found in the main rivers and tributaries [2].

To overcome this several efforts can be made, namely, among others: Code of responsible fisheries action (Code of Conduct for Responsible Fisheries), Restocking (stocking of seeds and juana fish in natural habitats) and domestication (cultivation of fish in public waters). In line with this, FAO has established a Code of Contact Responsible Fisheries, to realize the sustainability of fish resources in a sustainable manner [3].

The potential of fish that has economic value in the future while catching in nature feels increasingly difficult. An important factor is the more difficult to get Seluang fish including the contamination of



waters as fish habitat. Efforts must be made to cultivate Seluang fish intensively. The most important factor is how to domesticate seluang fish from wild habitats into artificial habitats.

With the stipulation of Seluang fish as a superior commodity in the Fisheries Faculty of the University of Palembang PGRI, the study was directed to explore Seluang fish research. To overcome the problem of over fishing in realizing resource sustainability. The research objective was to determine Seluang's domestication technique from the waters of the Musi River as a basis for further research on Seluang's reproduction in bulk and planned.

2. Method

The research was conducted from July to September 2017. The Fish Hatchery Workshop (WSPI), the University of Palembang PGRI and in the Public Waters of the Musi River Children Palembang. Materials and equipment: Seluang brood taken directly from the Musi River, silk worms, pellets. *Echornia crassipes* and *Azolla pinata*, detergent, cement tub 3 m x 4 m depth 0.75 m. pH meter, thermometer, digital balance, microscope.

Fish were taken from 3 locations by Purpulsive Sampling (figure 1) on the Musi River in the Kenten Village of Talang Kelapa Sea, the Son of the Musi River Kerto Gandus and the Flow of the Musi River Children in the Banyuasin Nameless Village. Domestication using the Experimental method with environmental manipulation treatment as well as natural and artificial feeding for approximately 1 month (Week 0 to week 4) [4]. regulating water temperature, regulating water level, giving water plants, aeration to make current and add oxygen. Deuteronomy was carried out 3 times and processed descriptively according to Steel and Torrie [5].

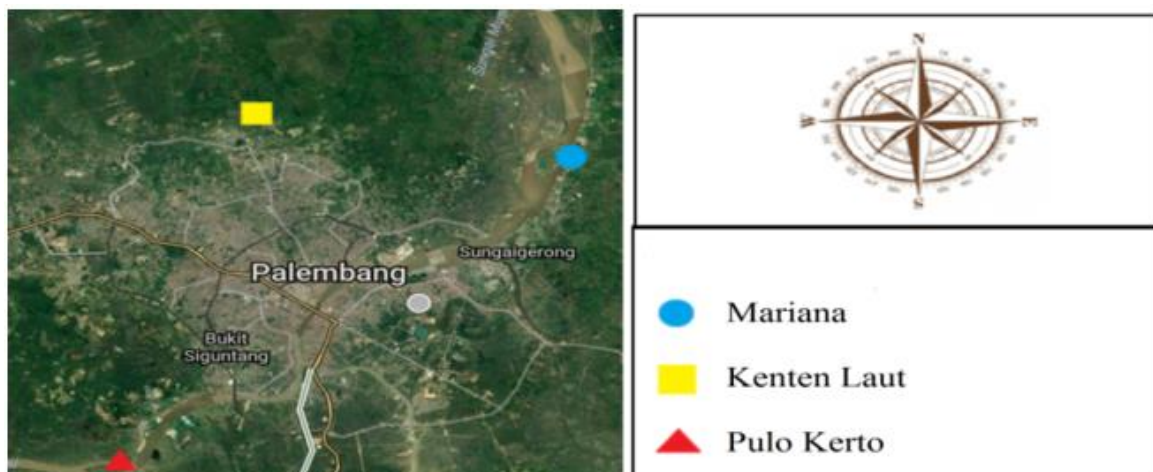


Figure 1. Location of sampling of prospective Seluang sires in the Musi river stream.

The parameters observed were weight gain, length and survival according to Effendi [6]. Weight gain is done every 1 week (1979), namely

$W_m = W_t - W_o$, where W_m = Average weight gain (gr), W_t = Final weight (gr), W_o = Initial weight (gr). Observation of length increments using the formula $P_m = P_t - P_o$, where P_m = fish length increase (cm), P_t = fish end length (cm), P_o = fish initial length (cm). Survival (SR) with the formula:

$$SR = \frac{N_t}{N_o} \times 100\% \quad (1)$$

SR = Survival (%), N_t = Number of live fish at the end of maintenance (tail), N_o = Number of fish stocked at the beginning of maintenance (tail)

3. Results and discussion

From the field survey conducted, it was found that the depth of the Musi River Children in Kenten Laut Village ranged from 1.5 meters - 5.5 m, with a temperature range of 26-29°C and a standard air temperature of ± 3 °C, dissolved oxygen (DO) ranging from 6.4 to 7.1 mg / l, while pH ranges from 7.8-

8.1 and Ammonia ranges from 0.12-0.17 mg / l. At the location of the Musi River in Pulokerto Village, the swamp depth range is 2.3-6.5 m, the temperature ranges from 26-28oC, dissolved oxygen (DO) ranges from 6.7 to 7.2 mg / l, pH ranges from 7.9 to 8.1, and ammonia around 0.11-0.16. Musi River Children in Nameless Village into 2- 7.5 m, with temperatures ranging from 25-27oC, dissolved oxygen (DO) ranging from 6.5-7.3 mg / l, pH ranges from 7.9 to 8.3, and Ammonia ranges 0.09-0.16 mg / l. Based on the observations of each location different results were obtained, but the condition of the waters in each location still supported the growth of Seluang fish.

The study of several studies reported that the chemical characteristics of the waters of the Seluang fish habitat in the main body and tributaries are as follows: pH value 5.5 - 7.0, Dissolved oxygen 3,6 - 7,2 mg / L, and total alkalinity 20 - 50 mg CaCO₃ / L [7]. Whereas in the flood swamp waters with the following ranges: pH value 5.0 - 6.5, Dissolved oxygen 2.4 - 4.8 mg / L, Total alkalinity 9.4 - 25 mg CaCO₃ / L, Hardness 6.3 - 16.3 mg CaCO₃ / L, and Sulphate (SO₄) 0.51 - 4.03 mg / L [7,8]. While nutrients such as Ammonia nitrogen (NH₃-N) 0.2 - 0.31 mg / L, Nitrite (NO₂-N) 0.1 - 0.14 mg / L, Nitrate (NO₃-N) 0.16 - 0, 21 mg / L, and Orthophosphate 0.04 - 0.07 mg / L [8].

Seluang Batang fish have 2 habitat variants (Variants A and B), namely, namely flowing and inundated types [9]. In habitats flowing like the Seluang river live with the speed of the upstream, middle and downstream currents in the range of 4.4 - 16.7 m / sec, 0.2 - 1.1 m / sec, and 0 - 1.0 m / second. However, the preferred current velocity is in the range 0.2 - 1.1 m / sec.

Seluang fish found elongated body shape, shiny silver color, length between 9-12 cm and the number per 100 grams 137 tails [10,11]. According to Dina et al. [12], the length of Seluang or if on Maninjau Lake is known as Lauak Bada ranges from 8-13 cm, but based on the results of domestication the size can reach 15-17 cm [13]. In general, Seluang is elongated in shape, the dorsal fin is composed of 7 or 8 branched fingers [9]. The anal fin is short and consists of 5 branched fingers. The lateral line is unbroken and extends from the back of the gill cover to the base of the tail fin. Fish do not have small mouth and mouth, shiny silver or yellowish, flat body shape, thin scales and have a clear pair of eyes.

Catching on location using tangkul from the three fishing grounds, obtained broods as many as 207 tails. Temporary brooders are accommodated in waring before being taken to a shelter in the Workshop Transportation techniques that are used in a closed way using oxygenated plastic, and transportation is done in the afternoon, to reduce stress [14].

Environmental engineering in cement tanks with conditions close to the original environment in nature is equipped with Eichornia crasipes and Azolla pinata aquatic plants and aerators. The feed adjustment process lasts for 1 month. In the early stages of artificial feeding the results have not been satisfactory, but over time Seluang Fish also began to get used to consuming artificial feed.

Based on observations during maintenance which include: Growth (weight and length) and Survival (Survival Rate), can be seen from the following data:

3.1. Weight gain

The increase in average weight of fish during the observation can be seen in Figure 2.

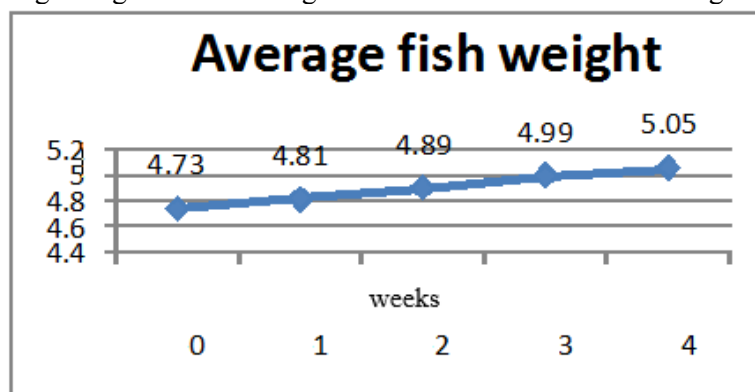


Figure 2. Weight gain of Seluang fish during observation.

From the picture, it can be seen that there is an increase in the weight gain of Seluang fish from week to week, with a daily weight gain rate of 0.0114 gr / day.

3.2. Added length

The increase in the average length of the fish during the observation can be seen in Figure 3.

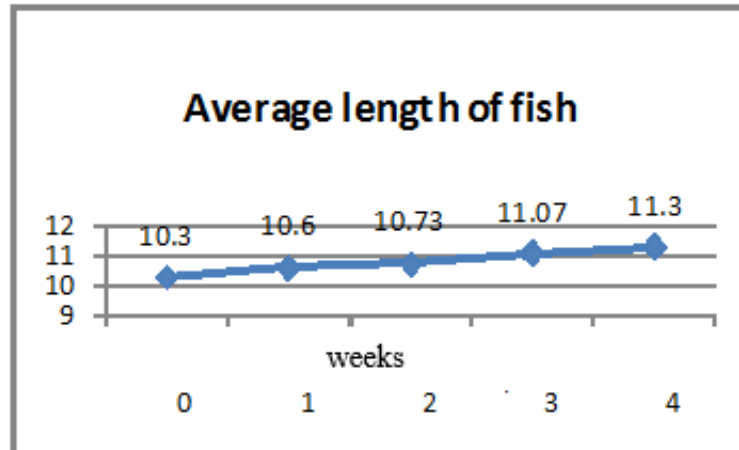


Figure 3. Length of Seluang fish during observation.

From the figure, it can be seen that there is an increase in the length of Seluang fish from week to week, with a daily length increase of 0.036 cm / day.

3.3. Life sustainability

The rate of decline in the average survival of Seluang fish during observation can be seen in Figure 4.

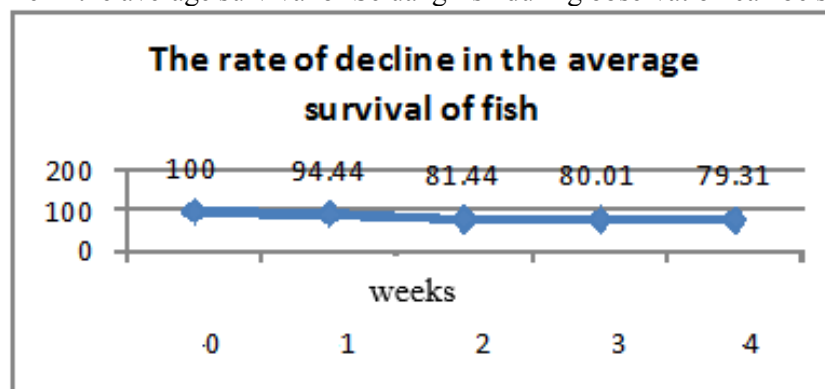


Figure 4. The rate of decline in survival of Seluang fish during observation.

From Figure 4. seen at the beginning of maintenance survival around 100%, Survival continued to decline until the end of maintenance was 79.01%. This is because in the early stages of fish maintenance they are still adapting to the new environment and feed. Over time, the rate of decline in survival has increased until the second week's adaptation. In the third week the rate of decline in survival starts flat until the fourth week of observation, with Survival appearing flat. This shows that the fish that are kept are able to adapt to the environmental conditions and feed provided.

4. Conclusion

From the results of the study it can be concluded that the domestication process of Seluang Fish (*Rasbora argyrotaenia*) can be done by maintenance in a pond that has been manipulated to resemble its natural habitat and the provision of artificial feed based on the feeding habit that has been carried out.

References

- [1] Arsyad M N and Syaefudin A 2010 Food and Feeding Habit of Rasbora (*Rasbora argyrotaenia*, Blkr) in The Down Stream of Musi River *Proceeding of International Conference on Indonesian Inland Waters II* Research Institute for Inland Fisheries, Palembang. Hal 217 –224
- [2] Rosadi E, Endang Y H, Daduk S and Gatut B 2014 Distribution, Composition, and Abiotic Environment of Silver Rasbora (*Rasbora argyrotaenia* Blkr) Fish in Upstream Areas of Barito Watershed, South Kalimantan *Journal of Environment and Ecology* **5** 1
- [3] Arsyad N M 2017 *Aspek Reproduksi Ikan Seluang (Rasbora argyrotaenia Blkr) di Kolam Mariana Palembang* (Palembang: Balai Riset Perikanan Perairan Umum Palembang)
- [4] Hanafiah K A 2011 *Rancangan Percobaan: Teori dan Aplikasi* (Jakarta: Rajawali Press) Edisi 3
- [5] Steel R G D and Torrie J H 1991 *Principles and Procedures of Statistics. A Biometrical approach. Seconded* (Sydney: Mc Graw Hill International Book Company)
- [6] Effendie M I 1997 *Biologi Perikanan* (Yogyakarta: Yayasan Pustaka Nusantara)
- [7] Rupawan A and S Suryadiningrat 2003 *Keanekaragaman Ikan Pada Tipe Perairan berbeda di Sungai*
- [8] Prasetyo D 2006 Kegiatan Penangkapan Ikan di Suaka Perikanan Danau Panggang kab. Hulu Sungai Kalsel *Prosiding Forum Perairan Umum Indonesia III* Hal 203-210.
- [9] Husnah K S, Fatah K, Makri A M, Sigit R, Sudrajat A and Maturidi 2009 *Tingkat degradasi Lingkungan Perairan di Sungai Musi Bagian Hilir dengan Benthic Integrated Biotic Index (b-ibi) Laporan Kemajuan Riset* (Palembang: Balai Riset Perairan Perikanan Umum)
- [10] Liuhartana R and H Harris 2011 Identifikasi Proses Pengolahan Seluang Kering (Pundang) dan Analisa nutrisinya Pada Pengolahan Secara Tradisional *Jurnal Ilmu Perikanan dan Budidaya Perairan* **6** (1): 41-54
- [11] Harris H 2013 “Pundang Seluang” Produk Unggulan Hasil Perikanan Khas Sumatera Selatan *Prosiding Hasil Penelitian dan Abdimas UNINDRA 2013* **1** 2013 335-347
- [12] Dina R, Boer M and N A Butet 2011 Profil Ukuran Panjang dan Tingkat Kematangan Gonad Ikan Bada (*Rasbora argyrotainia*) pada Alat Tangkap Berbeda di Danau Maninjau *Oceanologi dan Limnologi di Indonesia* **37** (1): 105-118
- [13] Harris H, Liuhartana R, Jaya F M and E Robiyardi 2014 *Perbaikan Teknologi Proses Pengolahan Untuk Meningkatkan Mutu Seluang Kering (Pundang) Sebagai Produk Unggulan Khas Sumatera Selatan* Laporan Akhir Penelitian Hibah Bersaing Tahun Kedua.
- [14] Sutopo B 1998 *Cara Pembiusan dalam Pengangkutan Ikan* (Jakarta: Harian Sinar Tani)