

# **International competition and exhibition**

## **“Rio Minho, biodiversidade e artes de pesca”**

### **“The Minho River Biodiversity and Fishing Practices”**

#### **INTRODUCTION:**

The Minho River and its estuary were considered the “fish farm” of Portugal, thanks to the high ichthyo-faunal biodiversity and fisheries economy.

The Minho River and its riverine populations mutually connect and influence in its unique fishing practices (fishing devices and techniques).

This Iberian river is seen as a wildlife sanctuary and is classified as a Site of Community Interest (SIC) and its estuary as a Special Protection Area (SPA), within the sectorial plan of the Natura 2000 Network (European ecological conservation network) habitats and respective biodiversity, known as Sítio Rio Minho).

Rio Minho plays an ecological role that is especially relevant in the bio-ecology of several fish species (with fifty species of fish already proven to occur in the international section of the Minho river basin), particularly the migratory species (e.g., diadromous).

#### **OBJETIVES:**

This international competition and exhibition aims to promote the biodiversity of the Minho River Basin and Estuary, with special relevance due to its ichthyo-faunal biodiversity and fishing practices (ichthyological illustration, and in particular, migrants - see Table 1), as well as all other fauna and flora that characterize and/or use their riparian gallery. Riverine populations knowledge and practices are not forgotten and special attention is also given to fishing ancient and actual devices and techniques.

Another objective of this innovative initiative is to also make known and promote the artwork of illustrators whose work is not well known, but is aesthetically attractive.

#### **TEMATICS:**

The representation of animals (fish - Table 1; other vertebrate / invertebrate animals), or plants (riparian vegetation), can be made based on the figuration of the external anatomy (adult stage or all others that make up its life cycle); fishing gear must show its use modes and the species of fish for which they are intended.

Species can be illustrated in isolation and without a scenic background, or interacting with other individuals of the same species, or in inter-species interactions (behavioral hypotheses, such as mating, protection of offspring, predation or other feeding strategies, etc.; or included in a niche or habitat (environment).

Both of these scientific illustrations categories are admitted to the competition, as well as those of a naturalistic nature.

#### **PARTICIPATION:**

This contest / exhibition is aimed at professional and / or amateur illustrators, capable of creating original illustrations, which are aesthetically appealing and also scientifically credible and technically correct.

Anyone over 18 years of age, of Portuguese, Spanish or other nationality, can compete and submit works.

Each competitor can submit up to a maximum of 3 (three) artworks. Participation implies that artworks (each) in competition are accompanied by an **Identification Form**. The absence of this document automatically excludes the artwork from the competition.

The contest will only be held if there is a minimum of 10 (ten) contestants with valid submissions.

#### **TYPE OF ARTWORKS, DIMENSIONS AND FORMAT:**

Illustration and / or painting using classic techniques (graphite, colored pencils, Chinese ink, pastels, acrylics, watercolors, gouache, oil, etc.), digital environment (2D or 3D), or using hybrid techniques (mixed).

The artworks / illustrations subject to competition must be sent as image files, using an uncompressed format (JPEG compression level 12; or TIFF; or PSD, or PDF), with a resolution of 300 dpi (real size, without interpolation; 1: 1), in RGB color profile.

The minimum dimension of the work is 297 x 210 mm (11.69 x 8.27 inches) and the maximum of 420 x 297 mm (16.54 x 11.69 inches), either in a orthogonal format (landscape or portrait)

Artworks and respective **Identification Form** must be sent by e-mail directly (fjorgescorreia@sapo.pt) or via upload (Wetransfer, or similar).

Models in sculpture, photography, or films (animation, or others) are not admitted to the contest.

#### **ARTWORK SELECTION CRITERIA:**

The artworks are selected by a panel of juries, considering scientific rigor conventions / rules settled for Scientific / Naturalistic Illustration followed, the technical capacity and expertise in representation and also the aesthetic quality of the imagery set.

Each and every artwork submitted to the contest must be strictly original and any plagiarism detected (unauthorized copy) implies immediate disqualification, and/or loss of any prizes awarded.

The simple act of submitting a artwork to this International Contest constitutes a unilateral declaration that holds the author of the illustration as the only responsible and clears, completely and without recourse, the Organization of the contest from any future penalties / complaints / legal actions resulting from plagiarism or other penal situations.

#### **JURY:**

The jury is composed by:

- **Fernando Correia** (biólogo e ilustrador científico; Diretor do Laboratório de Ilustração Científica/Dbio- Universidade de Aveiro),
- **Ulisses M Azeiteiro** (Cooperminho e Departamento de Biologia(dbio)/Universidade de Aveiro, Portugal),
- **Carlos Antunes** (AquaMuseu do Rio Minho/CIIMAR Universidade do Porto, Portugal),

The jury's decision is final and subject to no appeal.

The jury also reserves the right to not award one or more of the announced prizes if the quality of the work so justifies.

#### **SCHEDULE:**

The submission of the works to the contest must be done until 23.59h of November 13, 2020.

Evaluation of the works: 16 to 25 September

Communication of selected works to authors: November 30th

Announcement / dissemination of the winners: December 5th, during the 10th Iberian Symposium on the Rio Minho River Basin. The Organization does not bear the costs of travel and / or accommodation for the winners of this edition of the International Competition, should they wish to be present to the prize awards.

#### **RESULTS AND AWARDS:**

The jury will meet at its own headquarters to evaluate all the works submitted to the competition.

A first selection will be made in which all works with the required quality will be included to participate in the Rio Minho International Exhibition, Biodiversity and Fishing Arts which will be inaugurated during the 10th Iberian Symposium on the Rio Minho Hydrographic Basin (between the 25th and September 26).

Among these, the Jury will also award the following prizes:

##### **First Prize**

- Apple iPad Pack + Apple Pencil + Smart Keyboard (10.2-inch Wi-Fi iPad 128 GB - Outer gray; Apple Pencil (1st generation), Smart Keyboard for iPad (7th generation) and iPad Air (3.<sup>a</sup> generation) - Portuguese) - non-pecuniary premium, that is, it is not translatable into monetary value, but its worth is superior to 750 euros).
- Book from the Projeto COOPERMINHO "O Rio Minho, a lampreia e o sável: saberes da região"
- Diploma

## Second Prize

- Training and Specialization Internship lasting one week, taking place at the Scientific Illustration Laboratory of the Department of Biology (non-monetary award, that is, it is not translatable into monetary value, but its worth is approximately 420 euros; does not include accommodation, or meals per day, or the cost of plastic or other materials to be used during the course).
- COOPERMINHO Project Book "*O Rio Minho, a lampreia e o sável: saberes da região*"
- Diploma

## Third Prize

- Accommodation voucher for two people and one night in a hotel unit to be indicated in due time, by prior appointment and according to patent availability (non-monetary prize, that is, it cannot be translated into monetary value, but its worth is equivalent to a maximum value of 120 euros).
- COOPERMINHO Project Book "*O Rio Minho, a lampreia e o sável: saberes da região*"
- Book "Peixes do Rio Minho e não só. Receitas com Histórias"
- Diploma

## Three Citations by Merit

- publication of illustrations on the cover, back cover and cover sheet of the Book of Proceedings / symposium communications (in order given by the Jury)
- Three vouchers (one for each winner) for tasting gastronomic delicacies at lunch (lamprey), in a participating restaurant (for two people; non-monetary prize, that is, it is not translatable into monetary value, but its worth is equivalent to a maximum value 60 euros)
- COOPERMINHO Project Book "The River Minho, lamprey and shad: knowledge of the region" (one for each winner)
- Certificate of Merit

**EXHIBITION (#40 artworks):** All authors selected with one or more artworks in the collective exhibition "International Exhibition Rio Minho, Biodiversity and the Fishing Arts" will also receive a Certificate of Participation and a Book "Marine macroalgae from the Portuguese coast: biodiversity, ecology and uses" / Leonel Pereira, Fernando Correia.

## COPYRIGHT (©):

When submitting and submitting artwork(s) to this international competition, the candidate elected to be part of the of the 40 artworks exhibit, is implicitly and explicitly accepting the present regulation and authorizing and conferring to the organizers entities Laboratory of Scientific Illustration of the Department of Biology (Lic-dbio) / University of Aveiro (Portugal) and Center for Climate Change and Biodiversity Assets (NACAB) - dbio/UA the non-exclusive reproduction rights (©) of this illustration / painting, in the following situations:

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## International competition and exhibition Coordinator

Fernando J. S. Correia / LIC-dbio/UA, Portugal

## Exhibition Commissioners (venue to be announced later)

Fernando J. S. Correia / LIC-dbio/UA, Portugal  
Diana Neves / Bolseira LIC-dbio/UA, Portugal

## International competition and exhibition Organization:

Laboratório de Ilustração Científica do Departamento de Biologia (LIC-dbio)/Universidade de Aveiro

(Portugal; <http://www.ilustracao-cientifica-uaveiro.com/> <>. [https://www.ua.pt/formacao/cfic\\_intro](https://www.ua.pt/formacao/cfic_intro))

Núcleo de Alterações Climáticas e Ativos de Biodiversidade (NACAB) | Climate Change and Biodiversity

Assets Unit Responsável Departamento de Biologia da Universidade de Aveiro (Portugal;

[www.ua.pt/dbio/](http://www.ua.pt/dbio/))

Table 1. Most frequent fish species in the last 76 km of the Minho river, from downstream to upstream and from saltwater to freshwater

(\*: with declared commercial and / or sporting value; +: diadromic migrants).

Ordem	Família	Espécie (autoridade científica que a descreveu, ano)	Nome comum
<b>Perciformes</b>	Ammodytidae	<i>Ammodytes tobianus</i> (Linnaeus, 1758)	Galeota-menor
	Callionymidae	<i>Callionymus lyra</i> (Linnaeus, 1758)	Peixe-lira
	Carangidae	<i>Trachurus trachurus</i> (Linnaeus, 1758)	Carapau*
	Moronidae	<i>Dicentrarchus labrax</i> (Linnaeus, 1758)	Robalo*
		<i>Dicentrarchus punctatus</i> (Bloch, 1792)	Robalo-baila
	Sparidae	<i>Diplodus sargus</i> (Linnaeus, 1758)	Sargo*
	Trachinidae	<i>Echiichthys vipera</i> (Cuvier, 1829)	Peixe-aranha
	Centrarchidae	<i>Lepomis gibbosus</i> (Linnaeus, 1758)	Perca-sol*
		<i>Micropterus salmoides</i> (Lacepède, 1802)	Achigã*
	<b>Scorpaeniformes</b>	Triglidae	<i>Chelidonichthys lucerna</i> (Linnaeus, 1758)
<b>Atheriniformes</b>	Atherinidae	<i>Atherina boyeri</i> (Risso, 1810)	Peixe-rei
<b>Tetraodontiformes</b>	Balistidae	<i>Pseudobalistes flavimarginatus</i> (Rüppell, 1829)	Peixe-porco*
<b>Beloniformes</b>	Belonidae	<i>Belone belone</i> (Linnaeus, 1760)	Agulha
	Gobiidea	<i>Aphia minuta</i> (Risso, 1810)	Caboz-transparente
		<i>Gobius niger</i> (Linnaeus, 1758)	Caboz-negro
		<i>Pomatoschistus lozanoi</i> (deBuen, 1923)	Caboz
		<i>Pomatoschistus microps</i> (Kroyer, 1838)	Caboz-comum
		<i>Pomatoschistus minutus</i> (Pallas, 1770)	Caboz-de-areia
<i>Pomatoschistus pictus</i> (Malm, 1865)	Caboz		
<b>Gadiformes</b>	Lotidae	<i>Ciliata mustela</i> (Linnaeus, 1758),	Laibeque*
<b>Syngnathiformes</b>	Syngnathidae	<i>Nerophis lumbriciformis</i> (Jenyns, 1835)	Marinha
		<i>Syngnathus abaster</i> (Risso, 182)	Marinha
		<i>Syngnathus acus</i> (Linnaeus, 1758)	Marinha-comum
		<i>Syngnathus typhle</i> (Linnaeus, 1758)	Marinha-focinho-grosso
<b>Pleuronectiformes</b>	Bothidae	<i>Arnoglossus laterna</i> (Walbaum, 1792)	Carta-do-mediterrâneo
	Pleuronectidae	<i>Platichthys flesus</i> (Linnaeus, 1758)	Solha-das-pedras*
	Scophthalmidae	<i>Scophthalmus rhombus</i> (Linnaeus, 1758)	Rodovalho*
	Soleidae	<i>Solea solea</i> (Linnaeus, 1758)	Linguado*
<b>Mugiliformes</b>	Mugilidae	<i>Mugil cephalus</i> (Linnaeus, 1758)	Tainha*
		<i>Chelon labrosus</i> (Risso, 1827)	Negrão
		<i>Chelon auratus</i> (Risso, 1810)	Tainha pinta-amarela
		<i>Chelon ramada</i> (Risso, 1827)	Mugem
<b>Clupeiformes</b>	Clupeidae	<i>Sardina pilchardus</i> (Walbaum, 1792)	Sardinha*
		<i>Alosa alosa</i> (Linnaeus, 1758)	Sável**
		<i>Alosa fallax</i> (Lacepède, 1803)	Savelha**
<b>Anguilliformes</b>	Anguillidae	<i>Anguilla anguilla</i> (Linnaeus, 1758)	Enguia-europeia**
<b>Salmoniformes</b>	Salmonidae	<i>Salmo salar</i> (Linnaeus, 1758)	Salmão-do-atlântico**
		<i>Salmo trutta</i> (Linnaeus, 1758)	Truta-fário * (ecótipo sedentário)
			Truta-marisca ** (migrador anádromo)
		<i>Oncorhynchus mykiss</i> (Walbaum, 1792)	Truta-arco-íris*
<b>Petromyzontiformes</b>	Petromyzontidae	<i>Petromyzon marinus</i> (Linnaeus, 1758)	Lampreia-marinha**
<b>Cyprinodontiformes</b>	Poeciliidae	<i>Gambusia holbrooki</i> (Gerard, 1859)	Gambúsia
<b>Cypriniformes</b>	Cyprinidae	<i>Achondrostoma arcasii</i> (Steindachner, 1866)	Panjorca
		<i>Carassius auratus</i> (Linnaeus, 1758)	Pimpão*
		<i>Cyprinus carpio</i> (Linnaeus, 1758)	Carpa-comum*
		<i>Gobio lozanoi</i> (Doadrio & Madeira, 2004)	Góbio
		<i>Pseudochondrostoma duriense</i> (Coelho, 1985),	Boga*
		<i>Squalius carolitertii</i> (Doadrio, 1988)	Escalo-do-norte*
		<i>Tinca tinca</i> (Linnaeus, 1758),	Tenca*
	Cobitidae	<i>Cobitis paludica</i> (deBuen, 1930)	Verdemã-comum
<b>Gasterosteiformes</b>	Gasterosteidae	<i>Gasterosteus aculeatus</i> (Linnaeus, 1758)	Esgana-gata