General information

name of the dataset:
  full name of the dataset: FishBase
  dataset short name: FishBase

type of dataset (more information):
  species/taxa database (e.g. red list database)
  data type: point data/observation data, descriptive data
  short description of the dataset/summary: FishBase

science keywords according to GCMD:
  topic: Agriculture, Biosphere, Biological Classification, Human Dimensions, Oceans
  keywords: fish, taxonomy, database

ISO topic category according to ISO 19115:
  Farming, Biota, Economy, Environment, Inland Waters, Location, Oceans
Dataset: FishBase

Technical and administrative specifications

data format: Access
others/details: MySQL on the web.

operating system: Win XP

data language: English

current access level: web (public)
web address (URL): www.fishbase.org
others/details: 6 mirror websites

Do you plan to publish the data on the Freshwater Biodiversity Data Portal:
others/details: To be defined

update level: continuously updated

documentation:
type: manual, scientific paper, internal description
language: English
others/details: Manual translated in French, Spanish, Portuguese, Chinese.

contact details:

metadata contact person:
first, last name: Nicolas Bailly
email: n.bailly@cgiar.org
institution: FishBase Information and Research Group, Inc. (FIN)
address: G.S. Khush Hall, IRRI-Los Baños, Laguna 4031
country: Philippines
web address: http://www.fin.ph

technical contact person:
first, last name: Josephine Barile
email: j.barile at fin.ph

scientific contact person:
first, last name: Rainer Froese
email: rfroese@geomar.de
Intellectual property rights and citation

(if the dataset is already published):

dataset creator (data compiler):

data contributors to/owners of this dataset: single

criteria for using the data in a publication/scientific analysis: The dataset is publicly available (data portal, data archive) and can be used without restrictions, but must be acknowledged and cited correctly.

other/additional criteria: The copyright of all medias files (photos, drawings, videos, sounds, ...) remain with the provider (photographer, drawer, etc.). The type of license is precised for each of them as well as the contact of the provider. The provider must be contacted for certain uses under certain licenses. Please refer to the specifications given on www.fishbase.org.

citation of this dataset:

author(s): Froese, R. and D. Pauly (Editors)
title: FishBase. World Wide Web electronic publication. www.fishbase.org,
year: 2013
version (if applicable): 02/13
citation of the metadata:

comments: Main providers + 1,500 collaborators.
General data specifications

regional coverage of the dataset:
scale of the dataset: global
continents: Africa, North America, South America, Asia, Europe, Oceania, Antarctica

spatial extent (bounding coordinates):
southernmost latitude [°]: 90
northernmost latitude [°]: 90
westernmost longitude [°]: 180
easternmost longitude [°]: 180
minimum altitude: -11000 metres
maximum altitude: +5000 metres
countries:
North America: Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, British Virgin Islands, Canada, Cayman Islands, Clipperton Island, Costa Rica, Cuba, Dominica, Dominican Republic, El Salvador, Greenland, Grenada, Guadeloupe, Guatemala, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Navassa Island, Netherlands Antilles, Nicaragua, Panama, Puerto Rico, Saint Barthélemy, Saint Kitts and Nevis, Saint Lucia, Saint Martin, Saint Pierre and Miquelon, Saint Vincent and the Grenadines, Trinidad and Tobago, Turks and Caicos Islands, United States, United States Virgin Islands
South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Falkland Islands, French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay, Venezuela
Asia: Afghanistan, Armenia, Azerbaijan, Bahrain, Bangladesh, Bhutan, British Indian Ocean Territory, Brunei, Cambodia, China, Christmas Island, Cocos (Keeling) Islands, Cyprus, Georgia, Hong Kong, India, Indonesia, Iran, Iraq, Israel, Japan, Jordan, Kazakhstan, Democratic People's Republic of Korea, Republic of Korea, Kuwait, Kyrgyzstan, Laos, Lebanon, Macau, Malaysia, Maldives, Mongolia, Myanmar (Burma), Nepal, Oman, Pakistan, Palestinian territories, Philippines, Qatar, Saudi Arabia, Singapore, Sri Lanka, Syria, Tajikistan, Thailand, Timor-Leste (East Timor), Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, Vietnam, Yemen, Abkhazia, Taiwan, Nagorno-Karabakh, Northern Cyprus, South Ossetia
Europe: Åland Islands, Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Faroe Islands, Finland, France, Germany, Gibraltar, Greece, Guernsey, Hungary, Iceland, Ireland, Isle of Man, Italy, Jersey, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Moldova, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, San Marino,
Serbia, Slovakia, Slovenia, Spain, Svalbard, Sweden, Switzerland, Ukraine, United Kingdom, Vatican City, Kosovo, Pridnestrovie (Transnistria) Oceania: Australia, Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, New Zealand, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu

**comments:**

Including collection data, the database covers all years from Linnaeus. In addition, some anterior data from expeditions are recorded.
Dataset: FishBase

Site specifications

**coordinate system/grid data:** latitude/longitude, format: DMS
  - grid data available: yes
  - resolution: 0.5
  - unit: degree
  - comments: The Half Degree Cell distribution data are used for the species distribution modeling AquaMaps.
  - site coding available: no

**number of sites:** >1000
<table>
<thead>
<tr>
<th>Biological data origin:</th>
<th>general compilation</th>
</tr>
</thead>
<tbody>
<tr>
<td>specify method:</td>
<td>Standardisation from secondary, and primary literature, from databases (including occurrences data: museum collections, surveys, ...))</td>
</tr>
<tr>
<td>organism group addressed:</td>
<td>fish</td>
</tr>
</tbody>
</table>
Species related information

**fish:**

**taxonomic resolution:**

- other taxonomic levels: **subspecies**
- comments: *The subspecies rank is not to be taken care anymore by the end of the BioFresh project.*

**taxonomic coding:**

- taxalist according to: *Catalog of Fishes*
- coding system: *Nominal species level unique Id in CoF (filed [SPECIES,[CAS_SPC]: integer).*
- example: 23456

**availability of specific ecological/biological information:**

- others: *Trophic ecology, physiology.*
Other specifications

availability of photos: yes
availability of maps: yes

quality control procedures:
  Were any quality control procedures applied to your dataset? yes

quality control protocols and comments:

  Control at encoding forms level.
  Continuous cross check of taxonomic back-bone with Catalog of Fishes.
  Query set for technical consistency controls.