

Mobile Applications for the Angling Community



FishBase goes mobile.....

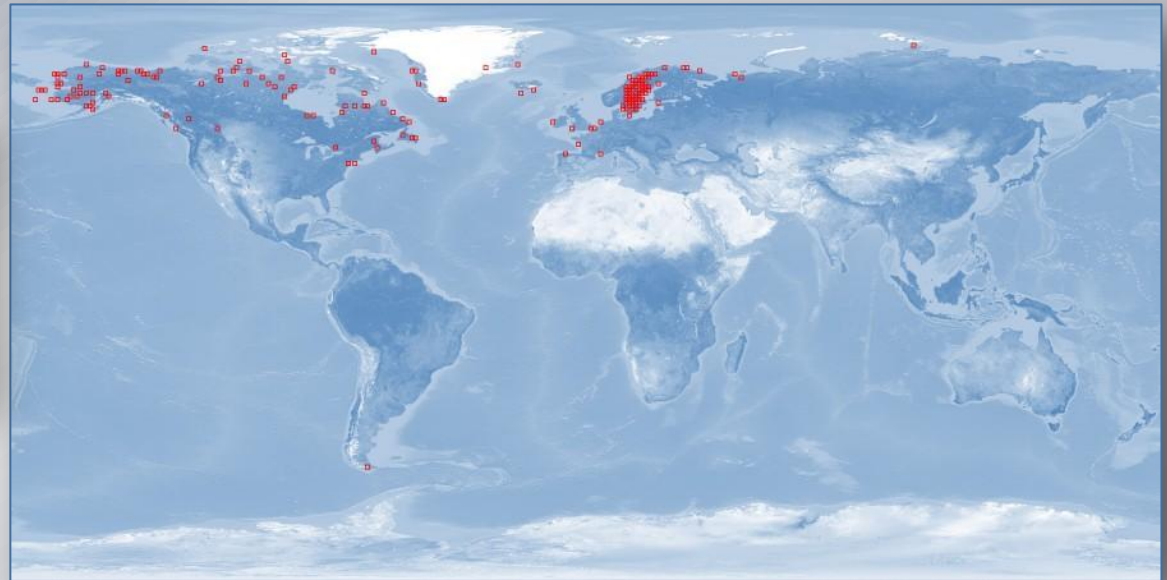


FishBase, all what you ever wanted to know about Fish..



32000 Species, 291200 Common names, 50400 Pictures, 45800 References, 1850 Collaborators, 33 million Hits/month (06/2011)

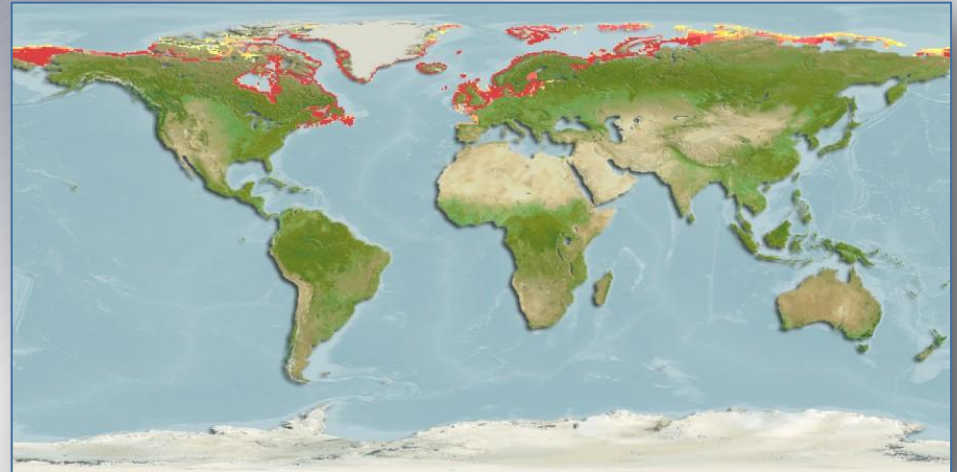
PointMaps, based on real occurrence records
(AquaMaps)



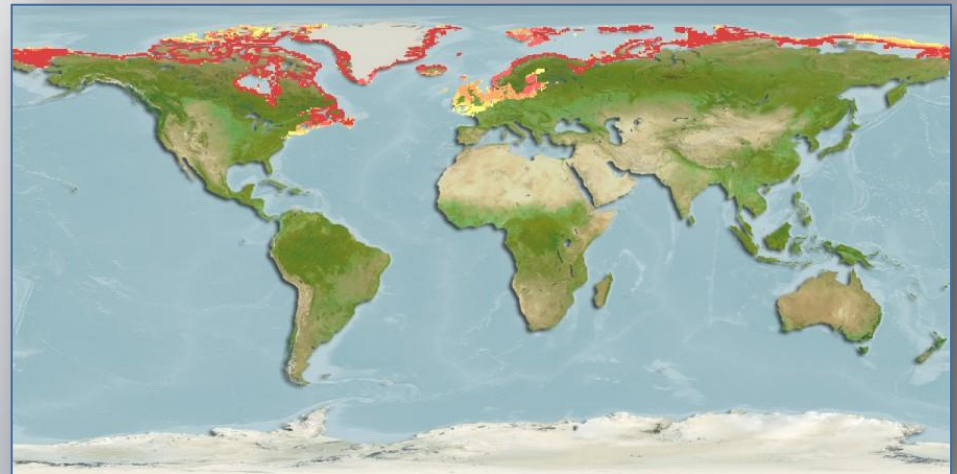
Occurrence records *Salvelinus alpinus* (~3500 records)

Computer Generated Distribution, at present.. ...and possible habitat in 2050

Upper Map depicts the distribution of Arctic Char (*Salvelinus alpinus*) based on Occurrence records reported in the literature and from fish watchers.

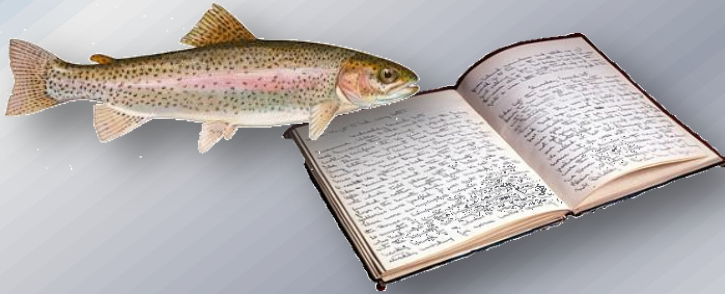


The lower map demonstrates the possible habitat in 2050 (climate change).



Other environmental changes over time can be monitored (habitat destruction, overfishing, introduction of exotic species....)

How can the Angling Community contribute...?



The angler community holds a wealth of data, which has hardly been used for monitoring and management purposes. Anglers explore most water bodies and coastal areas, even the unproductive and those inaccessible to commercial fisheries, to an extent that is unattainable by scientific projects.



These data are rarely used outside the anglers community, since the respective data have a very diverse format and are often not processed and analyzed, digitized and typically not accessible outside angler clubs and associations.

...since 10 years FishWatcher Facility...



Fish Watchers: Here is a place where you can upload your observations of fishes!

Year	No. of Observations Recorded	No. of pictures	No. of contributors
2000	26	26	4
2001	68	65	16
2002	76	66	29
2003	70	58	26
2004	398	218	40
2005	275	173	40
2006	314	279	52
2007	352	305	34
Total	1903	1146	236

FishWatcher Web-user Analysis,
Occurrence Records
contributed by FishWatchers
(at present about 2000 records
from about 250 FishWatchers)

....disappointing
number of records over
10 years....



Table of records uploaded per year

www.fishbase.us/FishWatcher/Menu.php

Typical FishWatcher Catch Record

Fish Watcher Record

Contributor: Bernd Ueberschär
 ID: 9
 Country: Germany
 Address:
 Web page: www.larvalbase.org



[Update entries](#) [Point map](#) [FishWatcher records of this species](#)

Species:	Esox lucius
Attachment:	Esox_lucius_bu_2.jpg
URL:	
Locality:*	Rönneby, South of Sweden
Type:	Bay
Salinity:*	brackish
Water depth:	2 - 5 m
Latitude:*	56° 27.57' N Latitude (dec): 56.459
Longitude:*	15° 18.03' E Longitude (dec): 15.301
Accuracy:	accurate
Country:*	Sweden
FAO area:*	Atlantic, Northeast
Temp.:	10.0°C
Date:*	30/04/2005, dd/mm/yyyy
Day time:	18:00 - 19:00 h e.g. 13:00 - 15:00
Length:*	102.0 cm Type:* TL
Weight:	10000.0 g
Abundance:	common (usually seen)
Life stage:	large adults
Sex:	female
Gear:	Hook and line
Source:	
Remark:	Large female, caught with a spoon bait, 0.28mm nylon line, steel leader. Empty gut, spawning condition: right after spawning. Some Ectoparasites.

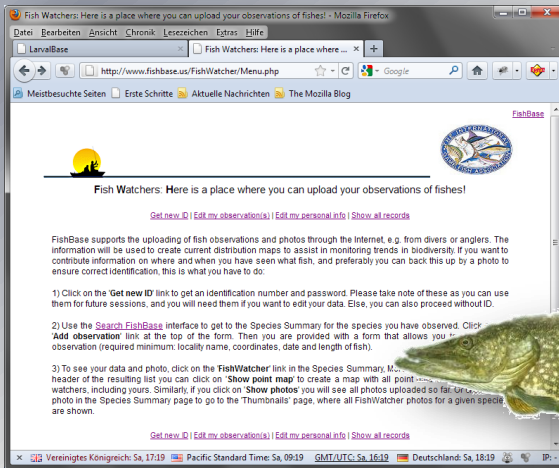
Note: Entries marked as * are required.

How to improve the situation... Angling & Science



Add your observation to the Fish Watcher...!

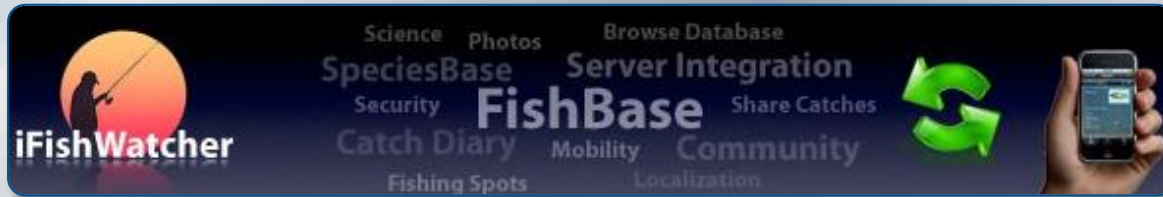
FishBase is keen to use the observations of the angling community in order to improve the distribution maps, to support biodiversity research, fish stock management and to promote the protection of aquatic environment and species diversity.



Angler can upload their catch records at the FishWatcher website...but this is apparently not very attractive...



The iFishWatcher & AnglersBase mobile



The iFishWatcher: the mobile version of the FishWatcher for your iPhone.

The iFishWatcher allows you to create and to store your catch records on your iPhone but you can do more....imagine you can e-mail your catch record immediately to your buddies who are trapped in their offices...

...and even more...with the iFishWatcher application, you will be able to submit observations about fish occurrences to the FishWatcher in FishBase straight from your catch diary in your iPhone from any location.

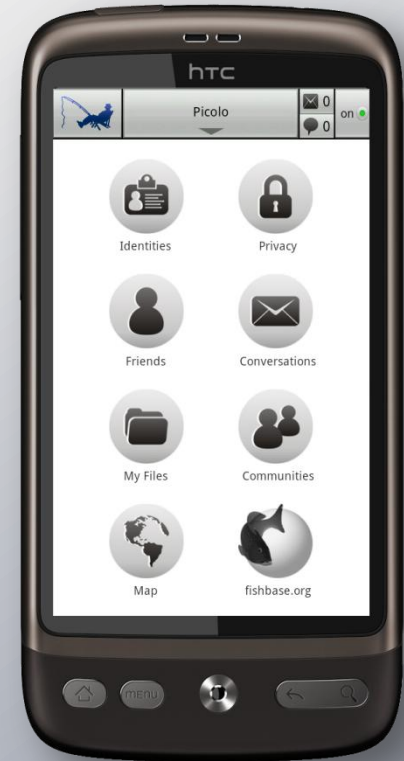


The iFishWatcher & AnglersBase mobile



AnglersBase mobile: the mobile angling community application

AnglersBase *mobile* provides the same features compared to the iFishWatcher, to create and to store your catch records in your catch diary, but beyond it is also an Angling Community application for Android OS, which allows you to establish communication with your angling buddies in sub-communities and chat rooms and more.



The iFishWatcher & AnglersBase mobile

The iFishWatcher: the mobile version of the FishWatcher for your iPhone.

Please visit the following link for a video Demo (5 min.):

www.ifishwatcher.org/page.php?4 (5 min.)



Summary iFishWatcher

Current Features (v1.2)

- Manage Catches
- Describe Catch
- Describe Fishing Spot
- Localization Features
- Upload Catches
- Download Catches
- Email Catches
- Search SpeciesBase
- Manage FishWatcher Account

Upcoming Features (v2.0)

- Manage Buddies
- Share Catches with Buddies
- Realtime Chat
- Locate Buddies
- Blurred Fishing Spots

More information: www.ifishwatcher.org



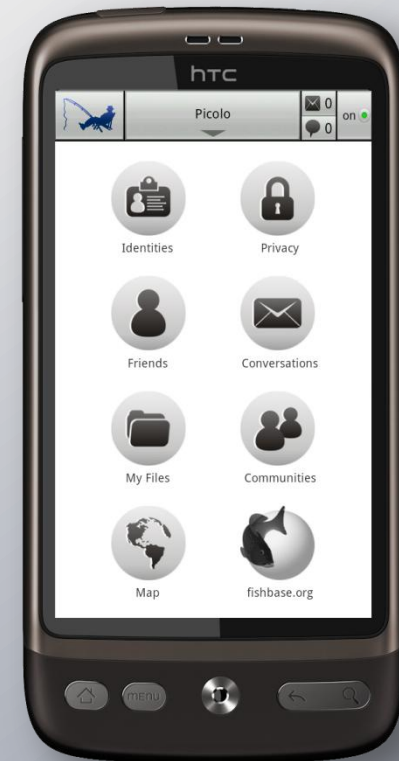
The iFishWatcher & AnglersBase mobile



AnglersBase mobile: the mobile angling community application

Please visit the following link for a video Demo (5 min.):

www.anglersbase.org and choose "Demo Video"



Summary

- ✓ FishBase provides occurrence maps for more than 11,000 marine and freshwater fish species, supporting biodiversity research and more.
- ✓ The FishWatcher in FishBase supports Angler and FishWatcher to contribute to these maps and to create and to publish online their catch records and observations.
- ✓ However, the FishWatcher facility in FishBase was not that frequently used from Angler and FishWatcher as expected from the Fishbase team.
- ✓ New mobile apps allows to create and to administrate catch records and observations on your iPhone or Android OS and support, in contrast to existing mobile applications, the upload of catch records to the FisWatcher from any location.
- ✓ Both apps are available soon in the iTunes App Store and in the Android Market place, free of charge. New versions with more features are planned.
- ✓ Webfrontends are planned which mirror the mobile applications with the same functionalities.

Eat, sleep, fish, share...and keep in touch!



*More Information: www.ifishwatcher.org
www.anglersbase.org*



Gone Fishing.....!