In this issue

Another first in English!

Nomenclator of the family Loricariidae Rafinesque, 1815 (Teleostei, Ostariophysi)
By Isaäc J. H. Isbrücker

Plus

Notes on Breeding *Hypancistrus zebra*
Courtesy of <catfishcorner.com>

and

Meet the Member

Volume 3 Issue Number 1
March 2002
CONTENTS

1. Committee 2002

3. From the Chair

4. Notes On Breeding HYPANCISTRUS ZEBRA
   Courtesy of <catfishcorner.com>

8. Meet The Members - Tom Gray

11. Nomenclator of the family Loricariidae Rafinesque, 1815
    (Teleostei, Ostariophysi)
    By Isaāc J. H. Isbrucker

The Editors Bit

Dear Members

Happy New Year! Another day older and deeper in dept (as the song goes).

Never mind, look on the bright side.

In the last journal, I pleaded for articles and boy, did I get some! The next journal is also nearly complete. Is this the sign of things to come and can catfish keepers write? You bet. I've even got an article from the Hon Pres, Trevor Morris, moving house. Still, all this and more in the next issue.

As you will see, this Journal is mostly taken up with the nomenclature of Loricariidae by Isaāc Isbrucker. The first time in English or an English publication. It may help to sort out the confusion with all the names that are currently being bandied about.

I had some 'fun' with this article when putting it into my program. It completely lost all formatting. I resolved just about all of it but unfortunately there is one item that I missed on Page 20 (that I am aware of).

Liposarcus varius Cope, 1872, currently Liposarcus pardalis - should be shown in italics thus: Liposarcus varius Cope, 1872, currently Liposarcus pardalis - I apologise to Ed for this error but I spotted it too late to change it.

As you may know, if you keep your ear to the ground, the Group is currently on the lookout for a new Treasurer. I gave notice of my intentions at the AGM 2001 and unfortunately, at this time, there are no volunteers. Like an actor, I was once resting between jobs and made the mistake of taking on too much for the Group. I was Secretary, Treasurer and Editor all at the same time and then I became employed. From that time on, 'er indoors made it quite clear that I was spending too much time elsewhere. I am now studying and taking exams and my own time is of the essence. Being the Treasurer is an important job but it is not too busy if you stay on top of it and some of the ladies in the bank are quite attractive. Well, they are in mine!

Articles and pictures can be sent by e-mail direct to <bill@catfish.co.uk> or by post to

Bill Hurst
18 Three Pools
Crossens
SOUTHPORT
PR9 8RA (England)

ACKNOWLEDGEMENTS

Front Cover: Designed by Kathy Jinkins.
HONORARY COMMITTEE
FOR THE
CATFISH STUDY GROUP (UK)
2002

PRESIDENT
Trevor (JT) Morris

VICE PRESIDENT
Dr Peter Burgess
PJBurgess@compuserve.com

CHAIRMAN
Ian Fuller
ian@corycats.com

VICE CHAIRMAN
Danny Blundell

SECRETARY
Ann Blundell

TREASURER
(Vacant)

MEMBERSHIP SECRETARY
Dave Speed
dspeed@cast88.freeserve.co.uk

SHOW SECRETARY
Brian Walsh
g.b.w@brianwalsh1.freeserve.co.uk

ASSISTANT SHOW SECRETARY
Ann Blundell

LIBRARIAN and AUCTION ORGANISERS
Roy & Dave Barton

FUNCTIONS MANAGER
Trevor Morris

SOCIAL SECRETARY
Terry Ward

WEB SITE MANAGERS
Julian Dignal  jools@planetcatfish.com
Allan James  allan@scotcat.com

COMMITTEE MEMBERS
Peter Liptrot  bolnathist@gn.apc.org

SOUTHERN REP
Steve Pritchard  S.Pritchard@btinternet.com

CATERING DEPARTMENT
Mr & Mrs Morris and Mr & Mrs Ward

CAT CHAT EDITOR
Bill Hurst
bhurst@catfish.co.uk

DISTRIBUTION
Ann & Danny Blundell

SCIENTIFIC ADVISER
Isaac Isbrücker

CAT CHAT
The Committee of the CSG (UK) would like to thank the following advertisers for their support in the production of this journal

BARLOW'S AQUATIC TRADING
ACCRINGTON

PIER AQUATICS
WIGAN

GBW JOINERY
DARWEN

BRITAIN'S AQUATIC SUPERSTORE LTD
BOLTON

MERMAID FISH IMPORTS
BROMSGROVE

PRESTWOOD PETZONE
STOURBRIDGE
FROZEN FISH FOOD BY RUTO

PRICES FOR MAIL ORDER

BLOODWORM CHOC-BLOCK
100g - 30 to a box (3kg)

| 1 box | £27.15 | \} DELIVERED
| 2 boxes | £46.00 |

PRICES FOR COLLECTION FROM SHOP = £19.50

OTHER VARIETIES

100g BLISTER PACK - 25 OF YOUR CHOICE TO A BOX

MAIL ORDER PRICES

| 1 box | £35.00 |
| 2 boxes | £65.00 |

PRICES FOR COLLECTION FROM SHOP = £30.00 PER BOX

CHOOSE FROM:

DAPHNIA  CYCLOPS  BRINESHRIMP
CHOPPED MUSSEL  DISCUS MIX  TUBIFEX
MALAWI MIX  QUINTET  VEG DIET
CHOPPED COCKLES  MARINE MIX
LANCE FISH  KRILL  MYSIS.

Have your Credit Card ready when you ring

01254 388815
From the Chair

Welcome to the first issue of ‘Cat Chat’ 2002. As far as the group is concerned the year is well under way. It started off in style with an extra meeting on the 6th January, when we took full advantage of long-term member Michael Hardman who returned home from the USA for Xmas. The meeting took the form of a Mini Convention and was made into a free to all comers event, which proved to be the right decision, judging by the good attendance. The subjects of Michael’s talks were, the Catfishes of North America and Catfish Taxonomy. The talks were very well received by all and created much discussion afterwards.

January 20th: This was the AGM, the one meeting that everyone traditionally tries to avoid in case they get roped into a job. The result being that the attendance this year was very low, bordering on abysmal. Other than re-electing the officers, the AGM is the major forum for expressing opinions, implementing new ideas and changing Rules etc. So, those members who have had the odd moan about how things have been done at meetings over the last year - Where were you? If you cannot even be bothered to turn out to express your point, there can’t have been anything worth moaning about in the first place. How about putting your points of view on paper to the Secretary. If no one turns up at AGM’s to tell us what they would like to see happen or not, as the case may be, then the committee will have to make all the decisions without you. If there are those of you who disagree, you must speak up formally. It’s your Group and your money, so the least you can do is make the effort once a year to tell us what you want, or even just offer some practical help. This brings me onto my final point which is the lack of response to our request for a new Treasurer. Bill has done the job and very well I may add, for the last five or six years and now wants to stand down to concentrate his efforts on the magazine. No one can say they did not know that the position was open as it was well publicized in the last two magazines as well as being announced at last years AGM. We have well over one hundred members and many of you live within easy reach of our base at Wigan. Surely there is one of you who can manage an hour or so of your time each month to take care of the Group’s finances. Without a Treasurer, the Group will cease to function efficiently. It’s now up to you.

February 17th was Convention day and yet again it proved to be a very successful event. The day’s activities got under way at 1130 with one of our Brian’s superb audiovisuals. Oliver Lucanus, our guest speaker from Montreal, Canada, started by giving us an excellent talk on catfish habitats, showing us some excellent slides of a wide variety of species and environments, including non-catfish species that inhabit the same areas. Member Robin Warne, from Huddersfield, gave the second talk of the day which was based on his recent collecting experiences in Peru. His talk included a first in that the pictures were presented in digital format. Perhaps this is the way to go in the future. After the lunch break it was to be Oliver’s second talk but we decided to make a slight change by making a few group and general announcements, then making the customary presentations to our speakers. Both of them were presented with superb catfish carvings produced by our very own expert wood sculptor Brian Walsh (a Sturisoma for Robin and a Pseudacanthicus for Oliver). Oliver’s second presentation was also a change from the norm. He took four alleged fish experts from the audience, Julian Dignall (Planet catfish), Andy Taylor (BAS), Pete Liptrot (Bolton Museum) and Derek Lambert (Editor of Today’s Fishkeeper) and, acting as compere, proceeded to show his second presentation of slides Instead of talking about each picture himself, he presented the microphone to each expert in turn for them to talk about the fish on the screen with Oliver interjecting when the experts were stumped for an answer. All in all I think the session went very well. All we have to do now is maintain the standard for next year.

Finally I would like to thank all the people who helped on the day to make it a successful event especially Roy and Dave on the Bring and Buy, Dave and Lois Speed for looking after the membership renewals, Terry Ward for his superb efforts with raffle ticket sales in spite of the fact that he is still not fully fit and finally the canteen staff who performed magnificently as usual, providing endless refreshments to all. Last but not least, a thank you to those companies which have helped to sponsor the event, Petzone, BAS and Aquarian for their raffle prizes and Barlow Aquatics for supporting us with a trade stand. IF
Notes On Breeding

**HYPANCISTRUS ZEBRA**

Courtesy of <catfishcorner.com>

I was not a fish keeper in 1997 when I saw my first "Zebra Pleco". They were hanging out among the small, perfectly stacked pieces of slate on the bottom of a 75-gallon tank in the apartment of my neighbour, Jeff. I became so enamoured with the fish that I made up reasons to visit him. During one of these visits, I ventured to mention an old dream of keeping a few goldfish in a 20 gallon long aquarium. A few days later, after a trip to Jeff's basement where he kept his collection of once-used equipment, I had everything I needed - bought the goldfish but imagined them with black and white stripes. Jeff had collected what few articles he'd run across in the three years he'd kept his trio of *Hypancistrus zebra*. There was little information available so what he had, we revered as TRUTH. We discussed all the care and feeding issues but always returned to the basic and first questions: "Is there a pair?" and "How do we get them to spawn?" As to the former, Jeff could quickly spot the male and declare which of his 2 females was gravid. It was not bravado. He can come to my house today and accurately do the same thing with my fish. Some people have it...

By the spring of 1999 I had developed into both a novice fish keeper and an Internet junkie. These two new worlds were explored simultaneously. To be a fish hobbyist is to be an Internet explorer and vice-versa. The two are interconnected. It seems natural then that when I was ready to buy my dream fish, I would shop in cyberspace. The other, somewhat more practical reason, was the local fish store prices on wild caught *Hypancistrus zebra* started at $45.00 each.

The experience of ordering fish on my computer and then shipping them through the United States Postal Service (or any other service) still makes me grin. The fact that a fish can live in a bag, be sent in a box, fly hundreds of miles at 30,000 feet and arrive alive after no less than 24 hours is some kind of what? Magic? Opening a shipped fish box is like pulling rabbits out of a hat to me. When mine arrived, I pulled out 4 rabbits. Unfortunately, only three made it, 2 males and a female. The trick was and remains, faulty. It's important to note that only one of these first 4 fish (the dead one was immediately replaced) is involved in the spawning event 15 months later which prompts the writing of this article. In all the other research I've done, this percentage does not present itself as unusual. It is even reflected in my tanks today. If you plan to purchase or continue maintenance on a group, consider the possibility that only 1 in 4 fish are sexually active. Your odds of success are then proportionately better if you have more fish (universal truth).

Of all the sometimes wrong, sometimes inspired tricks I tried over the next 13 months, I've come to believe that only a few of them really matter. I say that, in part, due to the things I learned from one of the two people I know, through correspondence, who has spawned *Hypancistrus zebra* - Carol Ann Nellen. In September 2000, Carol Ann anonymously contacted Wendy McKenna, a trading friend of mine near San Francisco, California. She wanted to sell her "Breeding Adult Zebras". Wendy immediately contacted me. Through a series of events, I became the owner of 4 of these fish. Their story deserves an article of its own but for now I include these edited e-mail excerpts. Know that Carol Ann’s fish ranged from 1.5 years to 7 years of age at the time. She had 6 adults and was recently finding spawn and/or fry about every 6 months.

Information contained [in] brackets is mine, gleaned from other conversations.

Tank: 36 inches long, 17 inches high, 12 inches deep (29 gallons). Equipped with an undergravel filter, 2 large power heads, a large canister filter and custom hood with special high intensity lights. Lights came on at 7 am and went off at 7 pm. Since these are fast water fish, I made sure there was plenty of water flow. Gravel was a mix of natural and minor dolomite about 2 to 3 inches thick. Good sized pieces of driftwood with many zebras size creases and holes were piled so high that some of it stuck out of the water. One little tank cleaning Otocinclus and lots of live plants completed my setup.

I used city water that I conditioned. Generally this [South San Francisco water] is sometimes mixed with well water, very hard and very alkaline. I adjusted to a pH [with a brand name pH reducer] of about 6.5 and used [brand name water conditioners]. Water was
kept between 80 and 83 degrees. When I changed water - 1/3 to 1/2 volume every second or third week - I'd sometimes put new water in at a little warmer temperature. Breeding was often initiated after a water change. Zebras were fed flakes and tablets only. Once in a LONG while, I'd throw in an algae wafer but I don't think they appreciated it.

When I discovered eggs, between 5 and 7 at the time, usually while making a water change, I removed them and placed them in a quart Mason jar with water from the tank. I also put in a splinter of driftwood and a piece of live plant in the mason jar with the eggs, but made sure no snails or snail eggs were on these. I put an air stone covered with some filter wool about 2 inches above the eggs and put a piece sheer curtain material or any other thin light porous fabric over the top of the Mason jar. I just used a rubber band to keep the material and airline in place. The jar is placed back in the tank, resting firmly on the gravel bottom.

The air stone was a surrogate father. The curtain material covering the jar top kept any snails or other fish away from the eggs. The air stone tubing may have to be crimped a little to keep a light bubble. You want the air to escape through a pinhole in the material as a small stream of bubbles, not get trapped under the material and "burp" hugely. If the air is too forceful, the eggs get banged about and the water from the tank is not exchanged well with the water in the jar.

The big white eggs hatch in about a week. Without good eyes, you may not even notice that the babies have hatched. They look like a little wiggly hair on top of the egg. As they use up the yolk sac, they start to get their black and white stripes. Within a week, they look like tiny adult zebras. They will not be able to move about or eat until most of the egg sack is absorbed. I fed the babies [brand name fry food]. Careful not to overfeed. If you notice any competition between babies or there is a very large clutch of eggs, you may want to separate the kids and use more than one Mason jar.

If there were only zebras in my tank, I let the babies loose in the tank when they were about 1/4 inch or more long. To play it safe, I covered the intake of the canister filter with filter wool so the babies would not be accidentally sucked into the filter. I changed the filter wool every other day. Also make sure that the usually unused air tube openings on power heads are blocked so that the babies will not be sucked into the power heads through those small openings.

I tend to overfeed my fish and rely on the good filtration system and water changes to keep the water quality up. The babies seemed to find plenty to eat in the tank. Adult zebras don't hurt the babies from my experience and the babies seem to hang with the adults for protection.


Thirteen months after receiving my first zebras in the mail and trying every trick I could to get them to spawn, I discovered a surprise birthday package in their tank. The following e-mail (to fellow Milwaukee aquarist, Tom Wojtech) acts as a snapshot of the conditions on August 20th, 2000,

Tom,

My Hypancistrus zebra spawned last night.

pH = 7.0

Temperature = 80 degrees

15 days since last water change (I was in the middle of an experiment) LOTS of current in a 15 tall. Black worms and "Carnivore" pellets every other day (and then too much)

I believe the pair that spawned are from a trio I bought 13 months ago (and were about 2" at the time). 2 others in the tank.

No obvious weather activity.

Maybe a dozen 4 mm eggs discovered during a water change.

First spawn.

R/O to tap mix at 40 ppm.

1 ceramic cave/vase (for the dominant male to CLAIM) buried amidst "Lace" rock.

I was not entirely surprised by this event. The older female was quite gravid and there was a marked increase in activity over the final few days. The spawn was infertile, but that was not surprising either. It was their first spawn and I actually half expected it. The thing that DID surprise me (and eventually helped convince me that conditions did not have to be PRECISE at all times) was that the spawn occurred under pretty poor tank conditions. My e-mail mentions an experiment. I was in a very simple "Let it go" mode. The big pay-off WAS to be triggered by a big, cool, Corydoras-like water change sometime in the next week.

45 days later, with my 4 fish combined with the "new" 4 from Carol Ann, the pre-spawn activity began again. The time between noticing the activity and the departure of the female can take 3 days! This time it was my older female (the same as in August) courting the apparent Alpha male of Carol Ann's. The two challenge and wrestle and line themselves up (in my tank it happens in a cave/vase). The female lays the eggs and is chased out by the male who then moves in/over to fertilize them. If you have ever kept and spawned any of the bristlenose Ancistrus, the activity is identical. Once the male is "on guard", he is almost impossible to remove and you don't have to if you use
a portable cave/vase device. You can, as I did, remove the entire item, male and all, into an isolated incubation tank with similar water conditions. On the third day after spawning, I was surprised to find 3 escaped wigglers. These fry never returned to the vase and gave me a perfect 'control' by which to gauge the growth of those remaining in the vase. On the 11th day after spawning, I decided to forcibly remove the male. 13 fry tumbled out to join those that had developed on their own. 15 stripy little sac-bound miniatures at nearly 3/8". One of the escapees died. It was my only mortality.

There are excellent egg and fry development pictures in the January, 1996 TFH magazine article, "New Information on the Zebra Pleco". Do not, however pay too close attention to the captioned day counts. The rate the fry use up their egg sacs seems temperature related. As my zebras spawned in slightly less than recommended temperatures, the fry were raised in the same way. I became concerned when the "control" fry still had huge sacs when the pictures indicated they should be gone. I even posted a few panicked messages on the Internet about it. In retrospect, I am tempted to believe that these lower temperatures (under 84) might help the fry development by slowing the process. Yolk sacs might "burn-up" too quickly in warmer temperatures. Underdeveloped fry may die of starvation. This is just a theory, I'm in no position or mood to try and prove it.

I did not feed my fry while they were sac-bound. Some suggested that baby brine shrimp would be a good food at this time. I disagree. Sac-bound fry do not eat. Food only fouls the water. Once they were sac-free, they ate like pigs but only for a few days. They quickly became night only feeders. By week 6 they were being fed on the same schedule as the adults, with heavier feeding on one night and lighter feeding on the next.

I'd like to include here what information I have about the 2 remaining adults of Carol Ann's. Her entire setup, as described in her e-mail excerpts, was sold to Jan Carpenter of Fremont, California. Jan maintained the setup as Carol Ann had and was quickly rewarded. Here are some e-mail excerpts.

Kevin,
I just went to clean out my zebra tank and 3 babies about a quarter inch long dropped out of a piece of driftwood!!! Somebody's been busy in there.

Judging by the '96 article (TFH), I'd say they're about 2-3 weeks old given their size and evident striping. Those little sneaks, I never saw a clue that they were breeding in there. I can't wait to run this experiment again and actually see the eggs and know what's going on. I guess the babies found something to eat, I wasn't giving them anything special during their infancy. The article suggested feeding baby brine shrimp but at this point I think they might be too big to eat them. They look more like they could handle adult shrimps.

Jan eventually found a total of 8 fry but wrote me this news about 7 weeks later:

I still have one zebra baby alive and thriving. The problem seems to have been a very high nitrite count.

When I did water changes, I did very small changes with tap water and counted on the tempering effect of the driftwood to correct the pH, which apparently did since the pH was 7.0 when I tested it [Jan reports her tap water pH at over 8.0].

Since I was doing such small water changes on both tanks, I wasn't cleaning the gravel well enough - hence the high nitrite. This, I believe, caused the death of the other 7 babies.

When I told you of all the meat alternatives I was offering as food, it was because I saw no interest in the meat I offered. I was desperate to find anything that might interest them because I thought they must be starving. I now believe that the nitrite was making them so ill that they had no appetite. Currently he [the surviving fry] eats blood worms, microworms (oddly) and daphnia among other meat choices. I think he is now eating the brine shrimp too, but am not sure. At best, he does not prefer it.

I have the vases in the big tank, but I think the adults were also feeling the effects of the high nitrite count, and have not reproduced again. They have, to date, shown no interest (even passing) in the vases. I'm guessing that it will take them a bit to get back to normal.

On temperature: The temperature in the big tank was 84.4 of the 8 fry died in there before setting up the 5 gallon [hospital tank]. The 5 gallon was at 82 degrees. Now I keep it at 86. I think the babies like the warmer water even more than the adults.

On aggression: I don't know about removing the adults. I often saw the little guys hanging out with the adults and no one seemed to mind. In fact when I first found them, there were 2 young hanging out with an adult in a hole in the log. I suspect that if
there’s enough space and hiding places, they don’t get as protective of territory; especially with young ones. I’ve never seen any aggression towards my 2 adolescents either and they’re about half grown now. Then again, maybe they just didn’t feel up to the task of running off the competition. Not enough good data yet on my experiences.

On pulling fry: I wish I knew how many eggs hatched in my clutch. I found 8 babies but don’t know how many I may have started with. That might give some indication of how dangerous or innocuous the adults are toward babies. In keeping with the “better safe than sorry” strategy, it certainly wouldn’t hurt to isolate the babies. Another thing to consider, maybe the other adults didn’t like having fry around that were not their own. I have 3 adults and 2 juvenile zebras in the 30” long tank but there are thousands of places to hide in there too.

I’ll end this now overlong article with what, in my opinion, are the basic requirements for the best shot at breeding Hypancistrus zebra.

1) Have a young adult pair. As I mentioned earlier, only the one female of my original 4 fish was (and still is) spawning. That’s a 25% probability. Of the 4 adult fish of Carol Ann’s that I bought, only one has been involved in a successful spawn. Same odds. If my experience is representative, 2” fish need another year or more of conditioning. Jeff’s 3 remaining fish, over 6 years old now, have never (apparently) spawned and have remained about 3 inches. Carol Ann’s fish, some of which may be 7 years old and nearly 4 inches, are big, beautiful adults but may be past their prime. There is too little information known to say for sure.

2) Feed meat. I suspect the main difference in clutch size (and possibly in spawn frequency) between the two groups was diet. Mine were fed Black worms and frozen bloodworms regularly. I tried beef heart once but ended up having to vacuum it all up. I’ve also fed “Carnivore” pellets and small chunk trout chow. All of these foods are very rich and fatty. I have slowly developed an every other (or 3rd) day attitude about feeding the adults. They just don’t need to eat that much when they eat that well.

3) My first spawn occurred in 80-82 degree water. I do not suspect that the higher temperatures recommended in the earlier TFH articles are critical but I have not tested the theory. I currently keep my breeding tank at 84 to 86 degrees. Remember too that uneaten food rots quicker and algae blooms faster in water this warm.

4) Current is needed, if for no other reason than it reflects the native conditions and aids aeration. It has been my experience however, that they tend to hide a little more in the higher current. When Jeff turns his power head off to feed, his zebras come out and wait!

5) Breeding caves/vases are optional. I would not set-up without them now that I’ve used them. Carol Ann and Jan were successful without them. In a previous BAP article I explained how I built some vases for another cave spawner. The process is simple. The vase, a simple 8-inch clay item readily found in grocery stores and pharmacies, needs its bottom sawn off. The other, smaller end (the original top) is then plugged up with whatever is handy. The final effect is a small funnel with a wide 3 inch opening and no exit. These are the vases my zebras are using now. They were designed after the ‘higher tech’ knick-knick item known locally as Buoy Bells. They’re named for the design of a floating marina buoy on their side. These items are a regional phenomenon and available through the hobbyist who bought the rights to reproduce them. The zebras seem to choose their favourite cave/vase based on its position relative to the powerhead current. It appears that individual fish (males) have individual preferences, or maybe the dominant male gets the place they all want and the rest choose from what’s left. I do not know the answer. The only things I notice consistently are that no one chooses the cave/vase facing the current, nor do any healthy ones choose to be away from the group in some isolated corner of the tank. Some will hang on the fringes of the group, but always WITH the group.

FINAL NOTE:

Another spawn occurred exactly 45 days after the one that yielded the 15 fry. I allowed the male to stay with this cluster. The adult female was also present. I never saw how large the egg ball was, but have no reason to believe it was any smaller than the last two. On the 18th day, the male allowed two fry out of the vase. They were the only two to make it. Ask me in 6 months why I think this happened. I’m bound to have an opinion by then.

ADDITIONAL INFORMATION:

Sue and Craig Dalton’s website:  
http://homepages.ihug.co.nz/~zebra/
I first started keeping tropical fish in 1978 when my son got a second hand tank. Since then things have changed, I now have 32 tanks ranging from 18" to 48" in size.

One of my main interests are the North American native fish (Shiners, Darters and Minnows). Unfortunately these fish are rarely imported into the UK any more. This is probably due to the threat to our own native fish when inconsiderate people release the American fish into the wild over here.

My other interests include Botias, Loaches, South American Tetras, Goldfish/Koi and Corydoras.

During the last two years, I have been converted to the joys of keeping catfishes by my two travelling partners, also from the Northeast, and I now have a large variety in my collection.

Since starting to keep fish, the hobby takes up much of my spare time. I am a Federation of British Aquatic Societies (FBAS) judge, Chairman of my local society, Cramlington Aquatic Society and, more recently, a member of the Catfish Study Group. The Catfish Study Group is one of the best clubs I have joined. I regularly attend the monthly meetings and I find that the other members will help with any problems and readily give advice and swap ideas with those who either breed fish, or lose them from unknown circumstances.

I do not show my fish as often as I would like but that is due to the fact that I judge at most of the local shows and if my fish won, I think I might have a problem.

I have bred quite a lot of the fish I keep and I also collect wild fish on my holidays in different parts of the world, which certainly adds to the enjoyment.

<table>
<thead>
<tr>
<th>Date</th>
<th>FORTHCOMING EVENTS</th>
<th>Venue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apr 28</td>
<td>Judging and Showing A practical seminar on all aspects of judging and showing catfish. Members to bring any catfish large or small. Brian Walsh &amp; Ian Fuller</td>
<td>St Elizabeth’s Church Hall, Aspull.</td>
</tr>
<tr>
<td>May 19</td>
<td>(Cat)Fish Photography Bring along your cameras and your fish to photograph. Danny Blundell</td>
<td>St Elizabeth’s Church Hall, Aspull.</td>
</tr>
<tr>
<td>Jun 16</td>
<td>Live foods Brian Walsh; Natural live foods. Joe Boardman; Cultivated live foods.</td>
<td>St Elizabeth’s Church Hall, Aspull.</td>
</tr>
</tbody>
</table>
All of the usual species and some rarer examples too

The Midlands top aquatic centre!

Tropical fish

• Pumps
• Filters
• Accessories
• Tanks
• Food
• Lighting
• Plants

With 20 years experience, we can not only provide you with everything you need, we can give help and advice on most aspects of keeping fish

Over 200 tanks, well stocked with top quality freshwater tropical varieties.

Wolverhampton Road (A449), Prestwood, Stourbridge, West Midlands DY7 5AF

Visit our website for further details: www.pet-zone.co.uk

Tel: (01384) 877150 & 877757
Fax: (01384) 877101

Opening Times: Mon - Fri 9am - 6pm, Sat, Sun & Bank Holidays 10am - 5pm
We are keen to supply the fish that people want. We try to stock as much variety as possible and we constantly investigate new suppliers and sources for rare and unusual fish.

And just to make your visit worthwhile, you will also find:

* Vast Dry Goods * Aquarium Furniture
* our own OATA approved Red Sea Aquariums
* Pond and Water Garden Products * Coldwater Fish
* Marine Fish * Aquarium Plants * House Plants
* Large Pet Department * Gift Shop * In Store Café
* Vending Machines * Large Free Car Park

And

**BAS Angling**

one of the North West’s Premier Angling Centres.

**BRITAINS AQUATIC SUPERSTORE LTD**

225 FOLDS ROAD

BOLTON

BL1 2TW

Tel: (01204) 534343 * Fax: (01204) 364174

Email: Info@britains-aquatic.co.uk

Web site: www.britains-aquatic.co.uk
Nomenclator of the 108 genera with 692 species of the mailed catfishes, family Loricariidae Rafinesque, 1815 (Teleostei, Ostariophysi)\(^1\)

By Isaác J. H. Isbrucker\(^2\)

Introduction

This catalogue was recently also published in Datz Sonderheft Harnischwelse 2 (meaning Datz Special Issue Mailed Catfishes 2; Isbrucker, 2001). This is the first English version. It includes the scientific names of all known (sub-) genera and (sub-) species of Loricariidae with their author(s) and year of publication. The currently correct names are printed in bold type. Synonyms are in italics. Reference is made also in italics either to which genus the various species are now assigned or to their senior synonym.

In the same issue of Datz, Isbrucker, Seidel,Michels, Schraml & Werner also published diagnoses of fourteen new genera, while one old genus name was re-established: Hemiloricaria Bleecker, 1862, hitherto treated exclusively as a junior synonym of either Loricaria or Rineloricaria. One new substitute name (nomen novum) was issued.

Acknowledgements

Thanks to Elsbeth Zwart (Amsterdam), to J. Pieter Michels (Amsterdam), Hans-Georg Evers (Hamburg), Erwin Schraml (Augsburg), Ingo Seidel (Berlin), André Werner (München), and to Dr Richard van der Laan (Utrecht) for their kind support.

Genus Acanthicus Agassiz, 1829
Acanthicus adonis Isbrucker & Nijssen, 1988
Acanthicus canensis Meek & Hildebrand, 1913, currently Leptoancistrus canensis
Acanthicus hystrix Agassiz, 1829

Genus Acanthodemus Marschall, 1873, currently Parancistrus

Genus Acestra Kner, 1853, currently Farlowella
Acestra acus Kner, 1853, currently Farlowella acus
Acestra amazonum Günther, 1864, currently Farlowella amazona
Acestra gladiolus Günther, 1864, currently Farlowella amazona
Acestra gladius Boulenger, 1898, currently Farlowella oxyrryncha
Acestra knerii Steindachner, 1883, currently Farlowella knerii
Acestra oxyrryncha Kner, 1853, currently Farlowella oxyrryncha

Genus Acestridium Haseman, 1911
Acestridium dichromum Retzer, Nico & Provenzano, 1999
Acestridium discus Haseman, 1911

Genus Acestridium Martini Retzer, Nico & Provenzano, 1999

Genus Acipenser Linnaeus, 1758, family Acipenseridae
Acipenser plecostomus Linnaeus, 1758, currently Hypostomus plecostomus

Genus Ancistomus Isbrucker & Seidel, 2001
Ancistomus snethlageae (Steindachner, 1911)

Genus Ancistrus Kner, 1854
Ancistrus aguaboensis Fisch-Muller, Mazzoni & Weber, 2001
Ancistrus alboicinctus (Ahl, 1936)
Ancistrus alga (Cope, 1872)
Ancistrus annectens Regan, 1904, currently Hemiancistrus annectens
Ancistrus barrae Steindachner, 1910, currently Megalancistrus barrae
Ancistrus baudensis Fowler, 1945
Ancistrus bodenhameri Schultz, 1944
Ancistrus bolivianus (Steindachner, 1915)
Ancistrus bovallii Regan, 1906, currently Lithoxus bovallii
Ancistrus brachyurus Kner, 1854, currently

---

\(^1\)Cat Chat, volume 3, number 1, 17 March 2002

\(^2\)Isaác J. H. Isbrucker, Verterebraten, Ichthyologie, Verzameling Vissen, Zoologisch Museum Amsterdam, Universiteit van Amsterdam, Postbus 94765, 1090 GT Amsterdam, Nederland.
Genus *Aphanotorulus* Isbrücker & Nijssen, 1983
*Aphanotorulus* *ammophilus* Armbruster & Page, 1996
*Aphanotorulus* *frankeli* Isbrücker & Nijssen, 1983
*Aphanotorulus* *madeirensis* (Fowler, 1913)
*Aphanotorulus* *micropunctatus* (La Monte, 1935)
*Aphanotorulus* *popoi* (Pearson, 1924)
*Aphanotorulus* *unicolor* (Steindachner, 1908)
Genus *Chaetostoma* Isbrücker & Nijsen, 1986
*Chaetostoma condei* Isbrücker & Nijsen, 1986
*Chaetostoma laani* Nijsen & Isbrücker, 1988
*Chaetostoma listrorhinos* Nijsen & Isbrücker, 1988
*Chaetostoma ommat* Nijsen & Isbrücker, 1988
*Chaetostoma jegui* Rapp Py-Daniel, 1991

Genus *Aposturisoma* Isbrücker, Britski, Nijsen & Ortega, 1983
*Aposturisoma myriodon* Isbrücker, Britski, Nijsen & Ortega, 1983

Genus *Aristommatia* Holmberg, 1893, currently *Hypoptopoma*
*Aristommtia inexpectata* Holmberg, 1893, currently *Hypoptopoma inexpectatum*

Genus *Baryancistrus* Rapp Py-Daniel, 1989
*Baryancistrus longipinnis* (Kindle, 1895)
*Baryancistrus niveatus* (Castelnau, 1855)

Genus *Brochiloricaria* Isbrücker & Nijsen, 1979
*Brochiloricaria chauidodon* Isbrücker, 1979
*Brochiloricaria macrodon* (Kner, 1854)

Genus *Canthopomus* Eigenmann, 1910, currently *Pseudorinelepis*

Genus *Canthopomus* Eigenmann & Allen, 1942, currently *Pseudorinelepis*
*Canthopomus montebelloi* Fowler, 1940, currently *Ixinandria montebelloi*

Genus *Carinotus* La Monte, 1933, currently *Delturus*

Genus *Chaetostoma* Tschudi, 1845
*Chaetostoma aculeatus* Pellegrin, 1909
*Chaetostoma alternifasciatum* Fowler, 1945
*Chaetostoma anale* (Fowler, 1943)
*Chaetostoma anomalum sovichthys* Schultz, 1944, currently *Chaetostoma sovichthys*
*Chaetostoma anomalum* Regan, 1903
*Chaetostoma branickii* Steinbacher, 1882
*Chaetostoma brevis* Regan, 1904
*Chaetostoma breviblalatulm* Dahl, 1942
*Chaetostoma dersmorhynchum* Boulenger, 1887
*Chaetostoma dorsale* Eigenmann, 1922
*Chaetostoma dupouli* Fernández-Yépez, 1945
*Chaetostoma fischeri* Steinbacher, 1879
*Chaetostoma furcatum* Fowler, 1940, *incerta sedis*
*Chaetostoma greeni* Isbrücker, 2001
*Chaetostoma guairense* Steinbacher, 1882
*Chaetostoma jegui* Rapp Py-Daniel, 1991
*Chaetostoma leptom* Regan, 1912
*Chaetostoma leucomelas* Eigenmann, 1918

*Chaetostoma lineopunctatum* Eigenmann & Allen, 1942
*Chaetostoma loborhynchos* Tschudi, 1845
*Chaetostoma machiquense* Fernández-Yépez & Martin S., 1953
*Chaetostoma marcopathae* Regan, 1904
*Chaetostoma marginatum* Regan, 1904
*Chaetostoma marmorescens* Eigenmann & Allen, 1942
*Chaetostoma microps* Günther, 1864
*Chaetostoma milesi* Fowler, 1941
*Chaetostoma mollinasum* Pearson, 1937
*Chaetostoma niveum* Fowler, 1944
*Chaetostoma nudirostre* Lütken, 1874
*Chaetostoma palmeri* Regan, 1912
*Chaetostoma patiae* Fowler, 1945
*Chaetostoma paucispi* Regan, 1912
*Chaetostoma pearsei* Eigenmann, 1920
*Chaetostoma sericenum* Cope, 1872
*Chaetostoma sovichthys* Schultz, 1944
*Chaetostoma stannii* Lütken, 1874
*Chaetostoma tachiraen* Schultz, 1944
*Chaetostoma taczanowskii* Steinbachner, 1883
*Chaetostoma thomsoni* Regan, 1904
*Chaetostoma vagum* Fowler, 1943
*Chaetostoma vasquezi* Lasso & Provenzano, 1997
*Chaetostoma venezuelae* (Schultz, 1944)
*Chaetostoma yurubien* Ceas & Page, 1996

Genus *Chaetostomus* Kner, 1854, currently *Chaetostoma*
*Chaetostomus aculeatus* Perugia, 1891, currently *Megalancistrus parananus*
*Chaetostomus aequinoctiali* Pellegrin, 1909, currently *Chaetostoma aequinoctiali*
*Chaetostomus alga* Cope, 1872, currently *Ancistrus alga*
*Chaetostomus anomalus* Regan, 1903, currently *Chaetostoma anomalum*
*Chaetostomus aspidopilepi* Günther, 1866, currently *Hemiancistrus aspidopilepi*
*Chaetostomus bachi* Boulenger, 1898, currently *Peckoltia bachi*
*Chaetostomus branickii* Steinbacher, 1882, currently *Chaetostoma branickii*
*Chaetostomus breviblalatul* Dahl, 1942, currently *Chaetostoma breviblalatul*
*Chaetostomus brevis* Regan, 1904, currently *Chaetostoma brevis*
*Chaetostomus cirrhosus maculata* Steinbacher, 1882, currently *Ancistrus maculatus*
*Chaetostomus cirrhosus punctata* Steinbacher, 1882, currently *Ancistrus punctata*
*Chaetostomus cochliliod* Steinbacher, 1879, currently *Panaque cochliliod*
Genus *Chaetostomus* (sive gibbosus)
Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*

Steindachner, 1879, currently *Panaque cochliodon*
Steindachner, 1879, currently *Panaque cochliodon*
Genus Farlowella
- Farlowella nattereri
- Farlowella hasemani, Eigenmann & Vance, 1917
- Farlowella henriquei, Miranda Ribeiro, 1918
- Farlowella isbruckeri, Retzer & Page, 1997
- Farlowella jaurensis, Eigenmann & Vance, 1917
- Farlowella knerii (Steindachner, 1883)
- Farlowella latiosa, Miranda Ribeiro, 1939, currently Farlowella schreitmuehleri
- Farlowella mariaelenae, Martin S., 1964
- Farlowella martini, Fernández-Yépez, 1972
- Farlowella nattereri, Steindachner, 1910
- Farlowella odontotumulus, Retzer & Page, 1997
- Farlowella oliveira, Miranda Ribeiro, 1939, currently Farlowella amazona
- Farlowella oxyryrynchus, (Kner, 1853)
- Farlowella paraguayensis, Retzer & Page, 1997
- Farlowella paranaensis, Meinken, 1937, currently Farlowella amazona
- Farlowella parvocarinata, Boeseman, 1971, currently Farlowella rugosa
- Farlowella platyrynchus, Retzer & Page, 1997
- Farlowella pleurotaenia, Miranda Ribeiro, 1939, currently Farlowella amazona
- Farlowella pseudogradiolus, Steindachner, 1910, currently Farlowella amazona
- Farlowella reticulata, Boeseman, 1971
- Farlowella roncallii, Martin S., 1964, currently Farlowella vittata
- Farlowella rugosa, Boeseman, 1971
- Farlowella schreitmuehleri, Ahl, 1937
- Farlowella smithi, Fowler, 1913
- Farlowella taphorni, Retzer & Page, 1997
- Farlowella venezuelensis, Martin S., 1964
- Farlowella vittata, Myers, 1942

Genus Fonchiilichthys
- Isbrucker & Michels, 2001
- Fonchiilichthys rupestris, (Schultz, 1944)
- Fonchiilichthys uracanthus, (Kner & Steindachner, 1863)

Genus Furcodontichthys
- Rapp Py-Daniel, 1981
- Furcodontichthys novaesi, Rapp Py-Daniel, 1981

Genus Fusiloricaria
- Fowler, 1940, currently Loricaria

Genus Glyptoperichthys
- Weber, 1991
- Glyptoperichthys allipinnis, (Günther, 1864)
- Glyptoperichthys gibbiceps, (Kner, 1854)
- Glyptoperichthys lituratus, (Kner, 1854)
- Glyptoperichthys punctatus, (Kner, 1854)
- Glyptoperichthys scrophus, (Cope, 1874)

Genus Guyanancistrus
- Isbrucker, 2001
- Guyanancistrus brevispinis, (Heitmans, Nijssen & Isbrucker, 1983)
- Guyanancistrus guacharote, (Valenciennes, 1840)
- Guyanancistrus longispinis, (Heitmans, Nijssen & Isbrucker, 1983)
- Guyanancistrus niger, (Norman, 1926)
- Guyanancistrus schomburgkii, (Günther, 1864)
- Guyanancistrus trinitatis, (Günther, 1864)

Genus Hartitia
- Steindachner, 1876
- Hartitia caquetae, Fowler, 1945, currently Sturisomaticthys caquetae
- Hartitia carvalhoi, Miranda Ribeiro, 1939
- Hartitia crassicauda, Boeseman, 1953, currently Harttiella crassicauda
- Hartitia depressa, Rapp Py-Daniel & Oliveira, 2001
- Hartitia dissidens, Rapp Py-Daniel & Oliveira, 2001, currently Cteniloricaria dissidens
- Hartitia duriventris, Rapp Py-Daniel & Oliveira, 2001, currently Cteniloricaria duriventris
- Hartitia filamentissima, Eigenmann & Allen, 1942, currently Lamontichthys filamentosus
- Hartitia filamentosa, La Monte, 1935, currently Lamontichthys filamentosus
- Hartitia garvelloii, Oyakawa, 1993
- Hartitia gracilis, Oyakawa, 1993
- Hartitia guianensis, Rapp Py-Daniel & Oliveira, 2001
- Hartitia kronei, Miranda Ribeiro, 1908
- Hartitia leiop/eura, Oyakawa, 1993, currently Quiritixys leiop/eura
- Hartitia longipinna, Langeani, Oyakawa & Montoya-Burgos, 2001
- Hartitia loriciformis, Steindachner, 1876
- Hartitia microps, Eigenmann & Allen, 1942, currently Pterosturisoma microps
- Hartitia nijsseni, Boeseman, 1976, currently Metaloricaria nijsseni
- Hartitia novalimensis, Oyakawa, 1993
- Hartitia punctata, Rapp Py-Daniel & Oliveira, 2001
- Hartitia rhombocephala, Miranda Ribeiro, 1939
- Hartitia surinamensis, Boeseman, 1971
- Hartitia torrenticola, Oyakawa, 1993
- Hartitia trombetensis, Rapp Py-Daniel & Oliveira, 2001
- Hartitia uatumensis, Rapp Py-Daniel & Oliveira, 2001

Genus Hemiancistrus
- Bleecker, 1862
- Hemiancistrus albocinctus, Ahl, 1936, currently Ancistrus albocinctus
- Hemiancistrus annectens, (Regan, 1904)
- Hemiancistrus arenarius, Eigenmann & Allen, 1942,
Hemiloricaria
Hemiloricaria lanceolata
Hemiloricaria konopickyi
Hemiloricaria formosa
Hemiloricaria eigenmanni
Hemiloricaria cacerensis
Hemiloricaria beni
Hemiloricaria altipinnis
Hemiancistrus wilsoni
Hemiancistrus ucayaensis
Hemiancistrus medians
Hemiancistrus megacephalus
Hemiancistrus longii
Hemiancistrus macrops
Hemiancistrus maracaiboensis
Hemiancistrus punctulatus
Hemiancistrus ucayalensis
Hemiancistrus wilsoni

Genus Hemiloricaria
Bleeker, 1862
Hemiloricaria altipinnis
Breder, 1925
Hemiloricaria beni
Pearson, 1924
Hemiloricaria cacerensis
Miranda Ribeiro, 1912
Hemiloricaria caracasensis
Bleeker, 1862
Hemiloricaria castroi
Isbrucker & Nijssen, 1984
Hemiloricaria eigenmanni
Pellegrin, 1908
Hemiloricaria fallax
Steindachner, 1915
Hemiloricaria formosa
Isbrucker & Nijssen, 1979
Hemiloricaria hesemanni
Isbrucker & Nijssen, 1979
Hemiloricaria hoehnni
Miranda Ribeiro, 1912
Hemiloricaria jubata
Bouleenger, 1902
Hemiloricaria konopickyi
Steindachner, 1879
Hemiloricaria lanceolata
Günther, 1868
Hemiloricaria magdalenae
Steindachner, 1878

Hemiloricaria melini (Schindler, 1959)
Hemiloricaria morrowi (Fowler, 1940)
Hemiloricaria nigricauda (Regan, 1904)
Hemiloricaria parva (Boulenger, 1895)
Hemiloricaria phoxocephala (Eigenmann & Eigenmann, 1889)
Hemiloricaria platyura (Müller & Trotschel, 1848)
Hemiloricaria sneiderni (Fowler, 1944)
Hemiloricaria stewarti (Eigenmann, 1909)
Hemiloricaria teffeanu (Steindachner, 1879)
Hemiloricaria wolfei (Fowler, 1940)

Genus Hemiodon
Kner, 1853, currently Reganella
Hemiodon acipenserinus
Kner, 1853, currently Hemiodontichthys acipenserinus
Hemiodon depressus
Kner, 1853, currently Reganella depressa
Hemiodon platycephalus
Kner, 1853, currently Pseudoheemiodon platycephalus

Genus Hemiodontichthys
Bleeker, 1862
Hemiodontichthys acipenserinus
Kner, 1853

Genus Hemipsilichthys
Eigenmann & Eigenmann, 1889
Hemipsilichthys bahianus
Gosline, 1947
Hemipsilichthys cameroni
Steindachner, 1907
Hemipsilichthys cerosus
Miranda Ribeiro, 1951
Hemipsilichthys duseni
Miranda Ribeiro, 1907, currently Isbrueckichthys duseni
Hemipsilichthys garbei
Ihering, 1911
Hemipsilichthys gobio
Lütken, 1847
Hemipsilichthys luderdorfii
(Miranda Ribeiro, 1918)
Hemipsilichthys mutuca
Oliveira & Oyakawa, 1999
Hemipsilichthys nudulus
Reis & Pereira, 1999
Hemipsilichthys papillatus
Pereira, Oliveira & Oyakawa, 2000
Hemipsilichthys regani
Giltay, 1936
Hemipsilichthys splendens
Bizeri, 1995
Hemipsilichthys steindachneri
Miranda Ribeiro, 1918
Hemipsilichthys stephanus
Oliveira & Oyakawa, 1999
Hemipsilichthys vestigiatus
Pereira & Reis, 1992

Genus Hisonotus
Eigenmann & Eigenmann, 1889
Hisonotus bourguyi
(Miranda Ribeiro, 1911)
Hisonotus depressicauda
(Miranda Ribeiro, 1918)
Hisonotus depressinotus
(Miranda Ribeiro, 1918)
Hisonotus francirochai
Ihering, 1928
Hisonotus laevior
Cope, 1894
Hisonotus leptochilus
Cope, 1894
Hisonotus leucofrenatus
(Miranda Ribeiro, 1908)
Hisonotus maculipinnis
Regan, 1912
Hisonotus minutus
Eigenmann & Eigenmann, 1890
currently Hisonotus notatus
Hisonotus nigricauda (Boulenger, 1891)
Hisonotus notatus Eigenmann & Eigenmann, 1889
Hisonotus paulinus (Regan, 1908)
Hisonotus ringueleti Aquino, Schaefer & Miquelarena, 2001
Hisonotus taimensis (Buckup, 1981)

Genus Hopliancistrus Isbrucker & Nijssen, 1989
Hopliancistrus tricornis
Hypancistrus inspector
Hisonotus taimensis

Genus Hypancistrus Isbrucker & Nijssen, 1991
Hypancistrus zebra Isbrucker & Nijssen, 1991

Genus Hypoptopoma Günther, 1868
Hypoptopoma bilobatum Cope, 1870
Hypoptopoma carinatum Steindachner, 1879, currently Oxyropsis carinata
Hypoptopoma guentheri Boulenger, 1895
Hypoptopoma guianense Boeseman, 1974
Hypoptopoma gulare Cope, 1878
Hypoptopoma inexpectatum (Holmberg, 1893)
Hypoptopoma joberti (Vaillant, 1880)
Hypoptopoma psilogaster Fowler, 1915
Hypoptopoma steindachneri Boulenger, 1895
Hypoptopoma thoracatum Günther, 1868

Genus Hypostomus Agassiz, 1829, currently Hypostomus
Hypostoma etentaculatum Agassiz, 1829, currently Pterygoplichthys etentaculatus
Hypostoma punctatum Jardine, 1841, currently Ancistrus sp.
Hypostoma squilnum Jardine, 1841, currently Squaliforma squilina

Genus Hypostomus La Cepède, 1803
Hypostomus aburrensis Posada, 1909
Hypostomus affinis (Steindachner, 1876)
Hypostomus agna (Miranda Ribeiro, 1907)
Hypostomus alatus Castelnau, 1855
Hypostomus alboweberi (Regan, 1908)
Hypostomus ancistroides (Ihering, 1911)
Hypostomus angipinnatus (Leege, 1922)
Hypostomus argus (Fowler, 1943)
Hypostomus asplognathus (Cope, 1894)
Hypostomus atropinnis (Eigenmann & Eigenmann, 1890)
Hypostomus aurantiacus Castelnau, 1855, currently Parancistrus aurantiacus
Hypostomus auroguttatus Kner, 1854
Hypostomus barbatus Valenciennes, 1840, currently Pseudancistrus barbatus
Hypostomus bolivianus (Pearson, 1924)
Hypostomus borellii (Boulenger, 1897)
Hypostomus boulengeri (Eigenmann & Kennedy, 1903)
Hypostomus brevicauda (Günther, 1864)
Hypostomus brevis (Nichols, 1919)
Hypostomus brevitentaculatus Ranzani, 1842, currently Pterygoplichthys etentaculatus
Hypostomus bufoni Valenciennes, 1840, currently Ancistrus bufoni
Hypostomus butantanis (Ihering, 1911)
Hypostomus calamita Valenciennes, 1840, currently Ancistrus calamita
Hypostomus carvalhoi (Miranda Ribeiro, 1937)
Hypostomus cirrhosus Valenciennes [1836], currently Ancistrus cirrhosus
Hypostomus cochliodon Kner, 1854, currently Cochliodon cochliodon
Hypostomus commersoni Valenciennes [1836]
Hypostomus commersonoides (Marini, Nichols & La Monte, 1933)
Hypostomus coppenamensis Boeseman, 1969
Hypostomus corantjin Boeseman, 1968
Hypostomus cordovae (Günther, 1880)
Hypostomus crassicauda Boeseman, 1968
Hypostomus derbyi (Haseman, 1911)
Hypostomus dlouhyi Weber, 1985
Hypostomus duodecimalis Cuvier & Valenciennes, 1840, currently Pterygoplichthys etentaculatus
Hypostomus emarginatus Valenciennes, 1840, currently Squaliforma emarginata
Hypostomus eptingi (Fowler, 1941)
Hypostomus ephippium Kner, 1854, currently Ancistrus ephippium
Hypostomus fluviatilis (Schubart, 1964)
Hypostomus francisci Lütken, 1874
Hypostomus garmani (Regan, 1904)
Hypostomus gomesi (Fowler, 1942)
Hypostomus goyazensis (Regan, 1908)
Hypostomus granosus Valenciennes, 1840, currently Neoplecostomus granosus
Hypostomus guacari La Cepède, 1803, currently Hypostomus plecostomus
Hypostomus guacharote Valenciennes, 1840, currently Guyanancistrus guacharote
Hypostomus guttatus Valenciennes, 1840, currently Pseudancistrus bartatus
Hypostomus gymnorrhynchus (Norman, 1926)
Hypostomus gymnorrhynchus occidentalis Boeseman, 1968, currently Hypostomus occidentalis

March 2002 Vol 3 No 1
Hypostomus gymnorhynchus tapanahoniensis
Boeseman, 1968, currently Hypostomus tapanahoniensis

Hypostomus hemiarus (Eigenmann, 1912)

Hypostomus hermanni (Ihering, 1905)

Hypostomus hoplionites Rapp Py-Daniel, 1988
Hypostomus horridus Kner, 1854, currently Squaliforma horrida

Hypostomus iheringii (Regan, 1906)

Hypostomus interruptus (Miranda Ribeiro, 1918)

Hypostomus isbrueckeri Reis, Weber & Malabarba, 1990

Hypostomus itacuva Valenciennes [1836], currently Hemiancistrus itacu

Hypostomus jaguribensis (Fowler, 1915)

Hypostomus johnii (Steindachner, 1876)

Hypostomus karstenii Lütken, 1874, currently Ancistrus gymnorhynchus

Hypostomus laplatae (Eigenmann, 1907)

Hypostomus latifrons Weber, 1986

Hypostomus latirostris (Regan, 1904)

Hypostomus lexii (Ihering, 1911)

Hypostomus lima (Reinhardt, 1874)

Hypostomus longimanus Kner, 1854, currently Pterygoplichthys entetaculatus

Hypostomus longiradiatus (Holly, 1929)

Hypostomus luetkeni (Steindachner, 1877)

Hypostomus luteomaculatus (Devincenzi & Teague, 1942)

Hypostomus luteus (Godoy, 1980)

Hypostomus macrophthalmus Boeseman, 1968

Hypostomus macrops (Eigenmann & Eigenmann, 1888)

Hypostomus margaritifer (Regan, 1908)

Hypostomus meleagris (Marini, Nichols & La Monte, 1933)

Hypostomus micromaculatus Boeseman, 1968

Hypostomus microstomus Weber, 1997, currently Watawata microstomus

Hypostomus multiradiatus Hancock, 1828, currently Liposarcus multiradiatus

Hypostomus mutucue Knaack, 1999

Hypostomus myersi (Gosline, 1947)

Hypostomus nematopterus Isbrücker & Nijssen, 1984

Hypostomus niceforoi (Fowler, 1943)

Hypostomus nickeriensis Boeseman, 1969

Hypostomus niger (Marini, Nichols & La Monte, 1933)

Hypostomus nigricans Castelnau, 1855, currently Parancistrus aurantiacus

Hypostomus nigromaculatus (Schubart, 1964)

Hypostomus niveatus Castelnau, 1855, currently Baryancistrus niveatus

Hypostomus nudiceps Müller & Troschel, 1848, currently Ancistrus nudiceps

Hypostomus nudiventris (Fowler, 1941)

Hypostomus obliuostriatus (Steindachner, 1907)

Hypostomus occidentalis Boeseman, 1968

Hypostomus pantherinus Kner, 1854

Hypostomus parapariae (Fowler, 1941)

Hypostomus parapariae Weyenbergh, 1877

Hypostomus pardi Castelnau, 1855, currently Liposarcus pardi

Hypostomus paucimaculatus Boeseman, 1968

Hypostomus paulinus (Ihering, 1905)

Hypostomus pictus Castelnau, 1855, currently Lasiancistrus castelnau

Hypostomus pictus Weber, 1986

Hypostomus plecostomus (Linnaeus, 1758)

Hypostomus pseudohemiurus Boeseman, 1968

Hypostomus pseudohemiurus macrophthalmus Boeseman, 1968, currently Hypostomus macrophthalmus

Hypostomus punctatus Valenciennes, 1840

Hypostomus pusatum (Starks, 1913)

Hypostomus rachovii (Regan, 1913)

Hypostomus regani (Ihering, 1905)

Hypostomus robini Valenciennes, 1840

Hypostomus rondoni (Miranda Ribeiro, 1912)

Hypostomus roseopunctatus Reis, Weber & Malabarba, 1990, currently Watawata roseopunctata

Hypostomus saramaccensis Boeseman, 1968

Hypostomus scabriceps (Eigenmann & Eigenmann, 1888)

Hypostomus scaphyceps (Nichols, 1919)

Hypostomus schneideri Boeseman, 1972, currently Ancistrus temminckii

Hypostomus seminudus (Eigenmann & Eigenmann, 1888)

Hypostomus serratus Valenciennes, 1840, currently Pseudacanthicus serratus

Hypostomus sipaliwini Boeseman, 1968

Hypostomus spinosus Castelnau, 1855, currently Pseudacanthicus spinosus

Hypostomus stannii Lütken, 1874, currently Chaetostoma stannii

Hypostomus strigaticeps (Regan, 1908)

Hypostomus subcarinatus Castelnau, 1855

Hypostomus surinamensis Boeseman, 1968

Hypostomus taeniatus (Regan, 1908)

Hypostomus tapanahoniensis Boeseman, 1969

Hypostomus temminckii Valenciennes, 1840, currently Ancistrus temminckii

Hypostomus teniculae (Steindachner, 1878)

Hypostomus tenuis Boeseman, 1968, currently Squaliforma tenuis

Hypostomus ternetzi (Boulenger, 1895)

Hypostomus tietensis (Ihering, 1905)

Hypostomus topavae (Godoy, 1969)
CAT CHAT

Hyposomus unae (Steindachner, 1878)

Hyposomus uruguayensis Reis, Weber & Malabarba, 1990

Hyposomus vaillanti (Steindachner, 1877)

Hyposomus varicirpus (Ihering, 1911)

Hyposomus varmaculatus (Fowler, 1945)

Hyposomus variopticus (Miranda Ribeiro, 1912)

Hyposomus ventromaculatus Boeseman, 1968

Hyposomus vermicularis (Eigenmann & Eigenmann, 1888)

Hyposomus veres Valenciennes, 1840, currently Squalliforma veres

Hyposomus vicinus Castelnau, 1855, currently Parancistrus aurantiacus

Hyposomus watwata Hancock, 1828, currently Squalliforma watwata

Hyposomus winzi (Fowler, 1945)

Hyposomus wuchereri (Günther, 1864)

Genus Isbrueckerichthys Derjst, 1996

Isbrueckerichthys alpinonis (Gosline, 1947)

Isbrueckerichthys duseni (Miranda Ribeiro, 1907)

Genus Isorineloricaria Isbrücker, 1980

Isorineloricaria festae (Boulenger, 1900)

Isorineloricaria spinosissima (Steindachner, 1880)

Genus Ixandria Isbrücker & Nijssen, 1979

Ixandria montebelloi (Fowler, 1940)

Ixandria steinbachi (Regan, 1906)

Genus Kronichthys Miranda Ribeiro, 1908

Kronichthys heylandi (Boulenger, 1900)

Kronichthys lacerta (Nichols, 1919)

Kronichthys subteres Miranda Ribeiro, 1908

Genus Lamontichthys Miranda Ribeiro, 1939

Lamontichthys filamentosus (La Monte, 1935)

Lamontichthys llanero Taphorn & Lilyestrom, 1984

Lamontichthys maracaibero Taphorn & Lilyestrom, 1984

Lamontichthys stibaros Isbrücker & Nijssen, 1978

Genus Lampiella Isbrücker, 2001

Lampiella gibbosa (Miranda Ribeiro, 1908)

Genus Lasiancistrus Regan, 1904

Lasiancistrus anthrax Armbruster & Provenzano, 2000, currently Pseudolithoxus anthrax

Lasiancistrus brevispinis Heitmans, Nijssen & Isbrücker, 1983, currently Guyanancistrus brevispinis

Lasiancistrus castelnaui (Miranda Ribeiro, 1918)

Lasiancistrus caucanus Eigenmann, 1912

Lasiancistrus dumus Armbruster & Provenzano, 2000, currently Pseudolithoxus dumus

Lasiancistrus guapore Knaack, 2000

Lasiancistrus heteracanthus Günther, 1869

Lasiancistrus longispinis Heitmans, Nijssen & Isbrücker, 1983, currently Guyanancistrus longispinis

Lasiancistrus maracaibensis Schultz, 1944

Lasiancistrus mayoloi (Eigenmann, 1912)

Lasiancistrus multispinis (Holly, 1929)

Lasiancistrus mystacinus (Kner, 1854)

Lasiancistrus planiceps (Meek & Hildebrand, 1913)

Lasiancistrus scolymus Nijssen & Isbrücker, 1985

Lasiancistrus tigris Armbruster & Provenzano, 2000, currently Pseudolithoxus tigris

Lasiancistrus volcanensis Dahl, 1941

Genus Leliella Isbrücker, 2001

Leliella heteroptera (Isbrücker & Nijssen, 1976)

Genus Leporacanthicus Isbrücker & Nijssen, 1989

Leporacanthicus galaxias Isbrücker & Nijssen, 1989

Leporacanthicus heterodon Isbrücker & Nijssen, 1989

Leporacanthicus joselimai Isbrücker & Nijssen, 1989

Leporacanthicus triactis Isbrücker, Nijssen & Nico, 1992

Genus Leptoanacanthus Meek & Hildebrand, 1916

Leptoanacanthus canensis (Meek & Hildebrand, 1913)

Leptoanacanthus cordobensis Dahl, 1964

Genus Limatulichthys Isbrücker & Nijssen, 1979

Limatulichthys griseus (Eigenmann, 1909)

Limatulichthys petleyi (Fowler, 1940)

Genus Lipopterichthys Norman, 1935

Lipopterichthys carrioni Norman, 1935

Genus Liposarcus Günther, 1864

Liposarcus altipinnis Günther, 1864, currently Glyptoperichthys altipinnis

Liposarcus ambroseltii Holmberg, 1893

Liposarcus disjunctivus Weber, 1991

Liposarcus jeanesianus Cope, 1874, currently Liposarcus pardalis

Liposarcus multiradiatus (Hancock, 1828)

Liposarcus pardalis (Castelnau, 1855)

Liposarcus scrophus Cope, 1874, currently Glyptoperichthys scrophus

Liposarcus varius Cope, 1872, currently Liposarcus pardalis

Genus Lithoxancistrus Isbrücker, Nijssen & Cala, 1988
Genus *Lithoxus* Eigenmann, 1910

*Lithoxus bouardi* Muller & Isbrücker, 1993

*Lithoxus bovallii* (Regan, 1906)

*Lithoxus lithoidei* Eigenmann, 1910

*Lithoxus pallidimaculatus* (Boeseman, 1982)

*Lithoxus planquetei* (Boeseman, 1982)

*Lithoxus stocki* Nijssen & Isbrücker, 1990

*Lithoxus surinamensis* (Boeseman, 1982)

Genus *Loricaria* Linnaeus, 1758

*Loricaria accipenser* Shaw, 1804, currently *Loricariichthys maculatus*

*Loricaria acuta* Valenciennes, 1840, currently *Loricariichthys acutus*

*Loricaria altipinnis* Breder, 1925, currently *Hemiloricaria altipinnis*

*Loricaria amazonica* Castelnau, 1855, currently *Loricariichthys maculatus*

*Loricaria anis* Valenciennes [1836], currently *Loricariichthys anis*

*Loricaria apeltoaster* Boulenger, 1895

*Loricaria apeltoaster amazonum* Delsman, 1941, currently *Pseudohemiodon amazonum*

*Loricaria aurea* Steindachner, 1900, currently *Sturisoma aureum*

*Loricaria barbata* Kner, 1854, currently *Sturisoma barbatum*

*Loricaria beni* Pearson, 1924, currently *Hemiloricaria beni*

*Loricaria bransfordi* Gill, 1876, currently *Fonchiilichthys uracanthus*

*Loricaria brevirostris* Eigenmann & Eigenmann, 1889, currently *Sturisoma brevirostre*

*Loricaria brunnea* Hancock, 1828, 1828, currently *Loricariichthys brunnea*

*Loricaria cacerensis* Miranda Ribeiro, 1912, currently *Hemiloricaria cacerensis*

*Loricaria cadeae* Hensel, 1868, currently *Rineloricaria cadeae*

*Loricaria capetensis* Meek & Hildebrand, 1913, currently *Dasyloricaria capetensis*

*Loricaria caquetae* Fowler, 1943, currently *Spatuloricaria caquetae*

*Loricaria carinata* Castelnau, 1855, currently *Loricaria cataphracta*

*Loricaria cashibo* Eigenmann & Allen, 1942, currently *Loricariichthys cashibo*

*Loricaria castanea* Castelnau, 1855, currently *Loricariichthys castaneus*

*Loricaria catamaricensis* Berg, 1895, currently *Rineloricaria catamaricensis*

*Loricaria cataphracta* Linnaeus, 1758

*Loricaria cirrhosa* Bloch & Schneider, 1801, currently *Loricaria cataphracta*

*Loricaria cirrhosa* Perugia, 1897, currently *Spatuloricaria evansii*

*Loricaria clavipinnia* Fowler, 1940

*Loricaria commersonoides* Devincenzi, 1943, currently *Paraloricaria commersonoides*

*Loricaria cubataonis* Steindachner, 1907, currently *Rineloricaria cubataonis*

*Loricaria curvispina* Dahl, 1941, currently *Spatuloricaria curvispina*

*Loricaria dentata* Shaw, 1804, currently *Loricaria cataphracta*

*Loricaria devincenzi* Soriano S., 1950, currently *Pseudohemiodon devincenzii*

*Loricaria dura* Bleeker, 1862, currently *Loricaria cataphracta*

*Loricaria eigenmanni* Pellegrin, 1908, currently *Hemiloricaria eigenmanni*

*Loricaria evansi* Boulenger, 1892, currently *Spatuloricaria evansi*

*Loricaria fallax* Steindachner, 1915, currently *Hemiloricaria fallax*

*Loricaria felipponei* Fowler, 1943, currently *Rineloricaria felipponei*

*Loricaria filamentosa* Steindachner, 1878, currently *Dasyloricaria filamentosa*

*Loricaria filamentosa latiura* Eigenmann & Vance, 1912, currently *Dasyloricaria latiura*

*Loricaria filamentosa seminuda* Eigenmann & Vance, 1912, currently *Dasyloricaria seminuda*

*Loricaria fimbriata* Eigenmann & Vance, 1912, currently *Spatuloricaria fimbriata*

*Loricaria flavo* Shaw, 1804, currently *Hypostomus plecostomus*

*Loricaria frenata* Boulenger, 1902, currently *Sturisoma frenatum*

*Loricaria grisaeus* Eigenmann, 1909, currently *Limatulichthys grisaeus*

*Loricaria gymnogaster* Eigenmann & Vance, 1912, currently *Spatuloricaria gymnogaster*

*Loricaria gymnogaster lagiothys* Schultz, 1944, currently *Spatuloricaria phelpsii*

*Loricaria hemiodon* Eigenmann & Eigenmann, 1889, currently *Loricariichthys maculatus*

*Loricaria henseli* Steindachner, 1907, currently *Rineloricaria henseli*

*Loricaria histrix* Valenciennes, 1840, currently *Pseudacanthicus histrix*

*Loricaria hoehnei* Miranda Ribeiro, 1912, currently *Hemiloricaria hoehnei*

*Loricaria jaraguensis* Steindachner, 1909 & 1910, currently *Rineloricaria jaraguensis*
Loricaria jubata Boulenger, 1902, currently Hemiloricaria jubata
Loricaria kneri De Filippi, 1940, currently Sturisoma kneri
Loricaria konopickyi Steindachner, 1879, currently Hemiloricaria konopickyi
Loricaria kronei Miranda Ribeiro, 1911, currently Rinorichthys kronei
Loricaria labialis Boulenger, 1895, currently Loricariichthys labialis
Loricaria laeviuscula Valenciennes, 1840, currently Pseudoloricaria laeviuscula
Loricaria lamina Günther, 1868, currently Pseudohemiodon lamina
Loricaria lanceolata Günther, 1868, currently Hemiloricaria lanceolata
Loricaria latirostris Boulenger, 1900, currently Rinorichthys latirostris
Loricaria lima Kner, 1854, currently Rinorichthys lima
Loricaria lima microlepidota Steindachner, 1907, currently Rinorichthys microlepidota
Loricaria litturata Kner, 1854, currently Glyptoperichthys litturus
Loricaria macrochir Miranda Ribeiro, 1918, currently Proloricaria prolixa
Loricaria macrodon Kner, 1854, currently Brochiloricaria macrodon
Loricaria macromystax Günther, 1869, currently Rhadinoloricaria macromystax
Loricaria macrops Regan, 1904, currently Ricola macrops
Loricaria maculata Bloch, 1794, currently Loricariichthys maculatus
Loricaria magdalenae Steindachner, 1878, currently Hemiloricaria magdalenae
Loricaria melanoptera Natterer, 1854, currently Cochliodon cochliodon
Loricaria microdon Eigenmann, 1909, currently Loricariichthys microdon
Loricaria microlepidogaster Regan, 1904, currently Rinorichthys microlepidogaster
**Loricaria nickeriensis** Isbrücker, 1979
Loricaria nigricauda Regan, 1904, currently Hemiloricaria nigricauda
Loricaria nudirostris Kner, 1854, currently Loricariichthys nudirostris
Loricaria nudiventris Valenciennes, 1840, currently Spatholoricaria nudiventris
Loricaria panamensis Eigenmann & Eigenmann, 1889, currently Sturisoma panamense
Loricaria parahemiodon Günther, 1864, currently Loricariichthys maculatus
Loricaria pareiacantha Fowler, 1943, currently Rinorichthys pareiacantha
**Loricaria parahybae** Steindachner, 1907
Loricaria parva Boulenger, 1895, currently Hemiloricaria parva
Loricaria paulina Boulenger, 1900, currently Rinorichthys latirostris
Loricaria phoxocephala Eigenmann & Eigenmann, 1889, currently Hemiloricaria phoxocephala
Loricaria piauhiae Fowler, 1941, currently Loricaria parahybae
**Loricaria piracicabae** Ihering, 1907
Loricaria platystoma Günther, 1868, currently Cteniloricaria platystoma
Loricaria platyura Muller & Trotschel, 1848, currently Hemiloricaria platyura
Loricaria prolixa Isbrucker & Nijssen, 1978, currently Proloricaria prolixa
Loricaria prolixa lentigiosa Isbrucker, 1979, currently Proloricaria lentigiosa
Loricaria puganensis Pearson, 1937, currently Spatulorichthys puganensis
Loricaria punctata Kner, 1854, currently Glyptoperichthys punctatus
Loricaria punctata Regan, 1904, currently Limatulichthys petleyi
Loricaria rostrata Agassiz, 1829, currently Sturisoma rostratum
Loricaria rostrata Van der Hoeven, 1852, currently Hemiloricaria caracasensis
Loricaria scolopacina De Filippi, 1853, currently Farlowella acus
Loricaria setifera La Cepède, 1803, currently Loricaria cataphracta
**Loricaria simillima** Regan, 1904
Loricaria sneiderni Fowler, 1944, currently Hemiloricaria sneiderni
Loricaria spixii Steindachner, 1881, currently Loricariichthys castaneus
Loricaria stuebeli Regan, 1906, currently Ixandinia stuebeli
Loricaria steindachneri Regan, 1904, currently Rinorichthys steindachneri
Loricaria stuebeli Steindachner, 1883, currently Loricariichthys stuebeli
Loricaria submarginatus Eigenmann, 1909, currently Hemiloricaria plathyura
Loricaria teffiana Steindachner, 1879, currently Hemiloricaria teffiana
Loricaria thrissocephs Fowler, 1943, currently Rinorichthys thrissocephs
Genus *Loricariichthys* Bleeker, 1862

*Loricariichthys acutus* (Valenciennes, 1840)
*Loricariichthys anus* (Valenciennes [1836])
*Loricariichthys brunneus* (Hancock, 1828)
*Loricariichthys cashibo* (Eigenmann & Allen, 1942)
*Loricariichthys castaneus* (Castelnau, 1855)
*Loricariichthys chanjoo* (Fowler, 1940)
*Loricariichthys derby* Fowler, 1915
*Loricariichthys edentatus* Reis & Pereira, 2000
*Loricariichthys hauxwell* Fowler, 1915
*Loricariichthys labialis* (Boulenger, 1895)
*Loricariichthys maculatus* (Bloch, 1794)
*Loricariichthys melanocheilus* Reis & Pereira, 2000
*Loricariichthys melini* Schindler, 1959, currently *Hemiloricaria melini*
*Loricariichthys microdon* (Eigenmann, 1909)
*Loricariichthys nudirostris* (Kner, 1854)
*Loricariichthys parahybae* Fowler, 1941, currently *Limatulichthys petleyi*
*Loricariichthys platymetopon* Isbrücker & Nijssen, 1979
*Loricariichthys rostratus* Reis & Pereira, 2000
*Loricariichthys stuebelii* (Steindachner, 1883)
*Loricariichthys ucaayalensis* Regan, 1913


*Macroscelidocichthys affinis* (Steindachner, 1877)
*Macroscelidocichthys flexilis* (Cope, 1894)

Genus *Megalancistrus* Isbrucker, 1980
*Megalancistrus barrae* (Steindachner, 1910)
*Megalancistrus parananus* (Peters, 1861)
Genus *Metaloricaria* Isbrucker, 1975
*Metaloricaria nijseni* (Boeseman, 1976)
*Metaloricaria paucidentis* Isbrucker, 1975

Genus *Microlepidogaster* Eigenmann & Eigenmann, 1889
*Microlepidogaster bahiensis* Miranda Ribeiro, 1918,
currently *Parotocinclis bahiensis*
*Microlepidogaster bourgui* Miranda Ribeiro, 1918,
currently *Hisonotus bourgui*
*Microlepidogaster depressinotus* Miranda Ribeiro, 1918,
currently *Hisonotus depressinotus*
*Microlepidogaster doeanus* Miranda Ribeiro, 1918,
currently *Parotocinclis doeanus*
*Microlepidogaster guentheri* Miranda Ribeiro, 1918,
currently *Schizolecis guentheri*
*Microlepidogaster perforata* Eigenmann & Eigenmann, 1889
*Microlepidogaster taimensis* Buckel, 1981, currently *Hisonotus taimensis*

Genus *Monistiancistrus* Fowler, 1942, currently *Pseudorinelepis*
*Monistiancistrus carachama* Fowler, 1940, currently *Pseudorinelepis genibarbis*

Genus *Nannoptopoma* Schaefer, 1996
*Nannoptopoma spectabile* (Eigenmann, 1914)
*Nannoptopoma sternoptychum* Schaefer, 1996

Genus *Neblinichthys* Ferraris Jr., Isbrucker & Nijssen, 1986
*Neblinichthys pilosus* Ferraris Jr., Isbrucker & Nijssen, 1986
*Neblinichthys roraima* Provenzano, Lasso & Ponte, 1995

Genus *Neoplecostomus* Eigenmann & Eigenmann, 1888
*Neoplecostomus espiritosantensis* Langeani, 1990
*Neoplecostomus franciscoensis* Langeani, 1990
*Neoplecostomus granosus* (Valenciennes, 1840)
*Neoplecostomus microps* (Steindachner, 1876)
*Neoplecostomus paranensis* Langeani, 1990
*Neoplecostomus ribeirensis* Langeani, 1990
*Neoplecostomus varipictus* Bizerril, 1995

Genus *Niobichthys* Schaefer & Provenzano, 1998
*Niobichthys ferrarii* Schaefer & Provenzano, 1998

Genus *Oligancistrus* Rapp Py-Daniel, 1989
*Oligancistrus punctatissimus* (Steindachner, 1882)

Genus *Otocinclus* Cope, 1871
*Otocinclus affinis* Steindachner, 1877, currently *Macroscelidocichthys affinis*
*Otocinclus arnoldi* Regan, 1909, currently *Macroscelidocichthys flexilis*
*Otocinclus bororoi* Schaefer, 1997
*Otocinclus caixerari* Schaefer, 1997
*Otocinclus cephalacanthus* Miranda Ribeiro, 1911, currently *Otothyris iophophanes*
Otocinclus depressicauda Miranda Ribeiro, 1918, currently Hisonotus depressicauda
Otocinclus fimbriatus Cope, 1894, currently Parahemiodon typus
Macrotocinclus flexilis
Otocinclus flexilis Cope, 1894, currently Macrotocinclus flexilis
Otocinclus francirochai Ihering, 1928, currently Hisonotus francirochai
Otocinclus gibbosus Miranda Ribeiro, 1908, currently Lampiella gibbosa
Otocinclus hasemani Steindachner, 1915
Otocinclus hoppei Miranda Ribeiro, 1939
Otocinclus huaorani Schaefer, 1997
Otocinclus joberti Vaillant, 1880, currently Hypoptopoma joberti
Otocinclus leucofrenatus Miranda Ribeiro, 1908, currently Hisonotus leucofrenatus
Otocinclus macrospilus Eigenmann & Allen, 1942, currently Parotocinclus maculicauda
Otocinclus maculipinnis Regan, 1912, currently Hisonotus maculipinnis
Otocinclus mariae Fowler, 1940
Otocinclus mura Schaefer, 1997
Otocinclus nigricauda Boulenger, 1891, currently Hisonotus nigricauda
Otocinclus obtusus Miranda Ribeiro, 1911, currently Pseudotototyrhis obtusa
Otocinclus paulinus Regan, 1908, currently Hisonotus paulinus
Otocinclus spectabilis Eigenmann, 1914, currently Nannoptopoma spectabile
Otocinclus tietensis Ihering, 1907, currently Pseudotototyrhis tietensis
Otocinclus vestitus Cope, 1872
Otocinclus vittatus Regan, 1904
Otocinclus xakriaba Schaefer, 1997

Genus Otothyris Myers, 1927
Otothyris canaliferus Myers, 1927, currently Otothyris lophophanes
Otothyris juquiae Garavello, Britski & Schaefer, 1998
Otothyris lophophanes (Eigenmann & Eigenmann, 1889)
Otothyris rostrata Garavello, Britski & Schaefer, 1998
Otothyris travassosi Garavello, Britski & Schaefer, 1998
Genus Oxyropsis Bleeker, 1862, currently Sturisoma
Oxyropsis citurensis Meek & Hildebrand, 1913, currently Sturisomatichthys citurensis
Oxyropsis daniensis Meek & Hildebrand, 1913, currently Sturisoma daniense
Oxyropsis fowleri Pellegrin, 1908, currently Cteniloricaria fowleri

March 2002 Vol 3 No 1
Oxyloricaria guentheri Regan, 1904, currently Sturisoma guentheri
Oxyloricaria leightoni Regan, 1912, currently Sturisomatichthys leightoni
Oxyloricaria lyra Regan, 1904, currently Sturisoma lyra
Oxyloricaria robusta Regan, 1904, currently Sturisoma robustum
Oxyloricaria tamanae Regan, 1912, currently Sturisomatichthys tamanae
Oxyloricaria tenuirostris Steindachner, 1910, currently Sturisoma tenuirostre

Genus Oxyropsis Eigenmann & Eigenmann, 1889
Oxyropsis acutirostris Miranda Ribeiro, 1951
Oxyropsis carinata (Steindachner, 1879)
Oxyropsis wrightiana Eigenmann & Eigenmann, 1889, currently Oxyropsis carinata

Genus Panaqolus Isbrucker & Schraml, 2001
Panaqolus albomaculatus (Kazanawa, 1958)
Panaqolus dentex (Gunther, 1868)
Panaqolus gnomus (Schaefer & Stewart, 1993)
Panaqolus maccus (Schaefer & Stewart, 1993)
Panaqolus nocturnus (Schaefer & Stewart, 1993)
Panaqolus purusiensis (La Monte, 1935)

Genus Panaque Eigenmann & Eigenmann, 1889
Panaque albomaculatus Kazanawa, 1958, currently Panaqolus albomaculatus
Panaque cochliodon (Steindachner, 1879)
Panaque gnomus Schaefer & Stewart, 1993, currently Panaqolus gnomus
Panaque maccus Schaefer & Stewart, 1993, currently Panaqolus maccus
Panaque nigrolineatus (Peters, 1877)
Panaque nocturnus Schaefer & Stewart, 1993, currently Panaqolus nocturnus
Panaque oculatus Fowler, 1943, currently Cochliodon oculatus
Panaque purusiensis La Monte, 1935, currently Panaqolus purusiensis
Panaque suttoni Schultz, 1944, currently Panaque suttonorum
Panaque suttonorum Schultz, 1944
Genus Parahemiodon Bleeker, 1862, currently Loricarichthys
Parahemiodon chanjoo Fowler, 1940, currently Loricarichthys chanjoo
Parahemiodon typus Bleeker, 1862, currently Loricarichthys maculatus
Genus Paralitoxus Boeseman, 1982, currently Lithoxus
Plecostomus carinatus La Monte, 1933, currently
Hypostomus latirostris

Delturus carinatus

Plecostomus carvalhoi Miranda Ribeiro, 1937,
Hypostomus lima
currently Hypostomus carvalhoi

Plecostomus cataphractus Gronovius, 1854, currently
Hypostomus lima atropinnis Eigenmann & Eigenmann,
Longirhynchus maculatus
1990, currently Hypostomus atropinnis

Plecostomus chapeae Fowler, 1940, currently
Plecostomus limosus Eigenmann & Eigenmann, 1888,
Aphanotorulus popoi
currently Hypostomus commersoni

Plecostomus commersonii scabriceps Eigenmann &
Hypostomus papariae
Eigenmann, 1888, currently Hypostomus scabriceps

Plecostomus commersonoides Marini, Nichols & La
Hypostomus f/uviatilis
Monte, 1933, currently Hypostomus commersonoides

Plecostomus cordovae Günther, 1880, currently
Plecostomus cordovae

Plecostomus derbyi Haseman, 1911, currently
Plecostomus derbyi

Plecostomus festae Boulenger, 1898, currently
Plecostomus festae
Isorineloricaria festae

Plecostomus flagellaris Gronovius, 1854, currently
Plecostomus flagellaris
Loricaria cataphracta

Plecostomus fluviatilis Schubart, 1964, currently
Plecostomus fluviatilis

Hypostomus fluviatilis

Plecostomus francisci Lütken, 1874, currently
Hypostomus francisci

Plecostomus garmani Regan, 1904, currently
Plecostomus garmani

Hypostomus garmani

Plecostomus gomesi Fowler, 1942, currently
Plecostomus gomesi

Hypostomus gomesi

Plecostomus goyazensis Regan, 1908, currently
Plecostomus goyazensis

Hypostomus goyazensis

Plecostomus gymnorrhynchus Norman, 1926, currently
Plecostomus gymnorrhynchus

Hypostomus gymnorrhynchus

Plecostomus hemiusr us Eigenmann, 1912, currently
Hypostomus hemicurus

Plecostomus hermanni lhering, 1905, currently
Hypostomus hermanni

Plecostomus hermanni

Plecostomus heylandi Boulenger, 1900, currently
Plecostomus heylandi

Kronichthys heylandi

Plecostomus hondae Regan, 1912, currently
Plecostomus hondae

Cochliodon hondae

Plecostomus iheringi Fowler, 1942, currently
Plecostomus iheringi

Hypostomus gomesi

Plecostomus iheringii Regan, 1908, currently
Plecostomus iheringii

Hypostomus iheringii

Plecostomus interruptus Miranda Ribeiro, 1918,
Plecostomus interruptus
currently Hypostomus interruptus

Plecostomus jaguribensis Fowler, 1915, currently
Plecostomus jaguribensis

Hypostomus jaguribensis

Plecostomus johnii Steindachner, 1876, currently
Plecostomus johnii

Hypostomus johnii

Plecostomus lacerta Nichols, 1919, currently
Plecostomus lacerta

Kronichthys lacerta

Plecostomus laplatae Eigenmann, 1907, currently
Plecostomus laplatae

Hypostomus laplatae

Plecostomus latirostris Regan, 1904, currently
Plecostomus latirostris

Plecostomus lexi lhering, 1911, currently Hypostomus
lexi

Plecostomus lima Reinhardt, 1874, currently
Plecostomus lima

Plecostomus lima atropinnis Eigenmann & Eigenmann,
Plecostomus lima
1890, currently Hypostomus atropinnis

Plecostomus limosus Eigenmann & Eigenmann, 1888,
Plecostomus limosus
currently Hypostomus commersoni

Plecostomus longiradiatus Holly, 1929, currently
Plecostomus longiradiatus

Hypostomus longiradiatus

Plecostomus luetkeni Steindachner, 1877, currently
Plecostomus luetkeni

Hypostomus luetkeni

Plecostomus luteomaculatus Devincenzi & Teague,
Plecostomus luteomaculatus
1942, currently Hypostomus luteomaculatus

Plecostomus luteus Godoy, 1980, currently
Plecostomus luteus

Hypostomus luteus

Plecostomus macrops Eigenmann & Eigenmann,
Plecostomus macrops
1888, currently Hypostomus macrops

Plecostomus madeirae Fowler, 1913, currently
Aphanotorulus madeirea

Plecostomus margaritifer Regan, 1908, currently
Plecostomus margaritifer

Hypostomus margaritifer

Plecostomus margaritifer butantanis lhering, 1911,
Plecostomus margaritifer
currently Hypostomus butantanis

Plecostomus meleagris Marini, Nichols & La Monte,
Plecostomus meleagris
1933, currently Hypostomus meleagris

Plecostomus microps Steindachner, 1876, currently
Plecostomus microps

Neoplecostomus microps

Plecostomus microps lhering, 1907, currently
Pareiorhina rudolphii

Plecostomus micropunctatus La Monte, 1935,
Plecostomus micropunctatus
currently Aphanotorulus micropunctatus

Plecostomus myersi Gosline, 1947, currently
Plecostomus myersi

Hypostomus myersi

Plecostomus niger Marini, Nichols & La Monte, 1933,
Plecostomus niger
currently Hypostomus niger

Plecostomus nigromaculatus Schubart, 1964, currently
Plecostomus nigromaculatus

Plecostomus niveatus La Monte, 1929, currently
Plecostomus niveatus

Dekeyseria niveata

Plecostomus nuditventris Fowler, 1941, currently
Plecostomus nuditventris

Hypostomus nuditventris

Plecostomus obtusirostris Steindachner, 1907,
Plecostomus obtusirostris
currently Hypostomus obtusirostris

Plecostomus paulinus lhering, 1905, currently
Plecostomus paulinus

Hypostomus paulinus

Plecostomus pellegrii Regan, 1904, currently
Plecostomus pellegrii

Pseudorinelepis genibarbis

Plecostomus phrixosoma Fowler, 1940, currently
Plecostomus phrixosoma

Squaliforma phrixosoma

Plecostomus plecostomus panamensis Eigenmann,
Plecostomus plecostomus
1922, currently Hemiancistrus aspidolepis

Plecostomus plecostomus papariae Fowler, 1941,
Plecostomus plecostomus
currently Hypostomus papariae
Plecostomus popoi Pearson, 1924, currently
Aphanotorulus popoi
Plecostomus pusarum Starks, 1913, currently
Hypostomus pusarum
Plecostomus rachovii Regan, 1913, currently
Hypostomus rachovii
Plecostomus regani lhering, 1905, currently
Hypostomus regani
Plecostomus rondoni Miranda Ribeiro, 1912, currently
Hypostomus rondoni
Plecostomus scaphyceps Nichols, 1919, currently
Hypostomus scaphyceps
Plecostomus scopularius Cope, 1871, currently
Squaliforma scopularia
Plecostomus seminudus Eigenmann & Eigenmann, 1888, currently
Hypostomus seminudus
Plecostomus spilosoma Fowler, 1941, currently
Parotocinclus spilosoma
Plecostomus spilurus Fowler, 1941, currently
Parotocinclus spilurus
Plecostomus spiniger-Hensel, 1870, currently
Hypostomus commersoni
Plecostomus spinosissimus Steindachner, 1880, currently
Isorineloricaria spinosissima
Plecostomus strigaticeps Regan, 1908, currently
Hypostomus strigaticeps
Plecostomus taeniatus Regan, 1908, currently
Hypostomus taeniatus
Plecostomus tenuicauda Steindachner, 1878, currently
Hypostomus tenuicauda
Plecostomus ternetzi Boulenger, 1895, currently
Hypostomus ternetzi
Plecostomus tiensensis lhering, 1905, currently
Hypostomus tiensensis
Plecostomus topaveae Godoy, 1969, currently
Hypostomus topaveae
Plecostomus unae Steindachner, 1878, currently
Hypostomus unae
Plecostomus unicolor Steindachner, 1908, currently
Aphanotorulus unicolor
Plecostomus vaillanti Steindachner, 1877, currently
Hypostomus vaillanti
Plecostomus varipictus lhering, 1911, currently
Hypostomus varipictus
Plecostomus varimaculosus Fowler, 1945, currently
Hypostomus varimaculosus
Plecostomus variosluctus Miranda Ribeiro, 1912, currently
Hypostomus variosluctus
Plecostomus vermicularis Eigenmann & Eigenmann, 1888, currently
Hypostomus vermicularis
Plecostomus villarsi Lütken, 1874, currently
Squaliforma villarsi
Plecostomus virescens Cope, 1874, currently
Squaliforma virescens
Plecostomus wertheimeri Steindachner, 1867, currently
Pogonopoma wertheimeri
Plecostomus winzi Fowler, 1945, currently
Hypostomus winzi
Plecostomus wuchereri Günther, 1864, currently
Hypostomus wuchereri

Genus Pogonopoma Regan, 1904
Pogonopoma wertheimeri (Steindachner, 1867)

Genus Pogonopomoides Gosline, 1947

Genus Pristiancistrus Fowler, 1945, currently Ancistrus
Pristiancistrus eustictus Fowler, 1945, currently
Ancistrus eustictus

Genus Proloricaria Isbrücker, 2001
Proloricaria lentiginosa (Isbrücker, 1979)
Proloricaria prolixia (Isbrücker & Nijsen, 1978)

Genus Pseudacanthicus Bleeker, 1862
Pseudacanthicus fordii (Günther, 1868)
Pseudacanthicus histrix (Valenciennes, 1840)
Pseudacanthicus leopardus (Fowler, 1914)
Pseudacanthicus serratus (Valenciennes, 1840)
Pseudacanthicus spinosus (Castelnau, 1855)

Genus Pseudancistrus Bleeker, 1862
Pseudancistrus atratoensis Dahl, 1960, currently
Dolichancistrus atratoensis

Pseudancistrus barbatus (Valenciennes, 1840)
Pseudancistrus camgiei Eigenmann, 1916, currently
Dolichancistrus camgiei

Pseudancistrus coquenani (Steindachner, 1915)
Pseudancistrus compressus (Günther, 1868)
Pseudancistrus genisetiger Fowler, 1941, currently
Lithoxancistrus genisetiger

Pseudancistrus guentheri (Regan, 1904)
Pseudancistrus ludenwaldti Miranda Ribeiro, 1918, currently
Hemipsilichthys ludenwaldti

Pseudancistrus nigrescens Eigenmann, 1912
Pseudancistrus papariae Fowler, 1941, currently
Lithoxancistrus papariae

Pseudancistrus pediculatus Eigenmann, 1917, currently
Dolichancistrus pediculatus

Pseudancistrus pediculatus cobrensis Schultz, 1944, currently
Dolichancistrus cobrensis

Pseudancistrus torbesensis Schultz, 1944, currently
Cordylancistrus torbesensis

Genus Pseudocanthicus Steindachner, 1915, currently
Pseudocanthicus
Pseudocanthicus fimbriatus Steindachner, 1915, currently
Exastilithoxus fimbriatus
Genus *Pseudohemiodon* Bleeker, 1862
*Pseudohemiodon amazonus* (Delsman, 1941)
*Pseudohemiodon apithanos* Isbrücker & Nijssen, 1978
*Pseudohemiodon cryptodon* Isbrücker, 1971, currently *Planiloricaria cryptodon*
*Pseudohemiodon devincenzii* (Soriano S., 1950)
*Pseudohemiodon lamina* (Gunther, 1868)
*Pseudohemiodon laticeps* (Regan, 1904)
*Pseudohemiodon platycephalus* (Kner, 1854)
*Pseudohemiodon thorectes* (Isbrücker, 1975)

Genus *Pseudolithoxus* Isbrücker & Werner, 2001
*Pseudolithoxus anthrax* (Armbruster & Provenzano, 2000)
*Pseudolithoxus dumus* (Armbruster & Provenzano, 2000)
*Pseudolithoxus nicoi* (Armbruster & Provenzano, 2000)
*Pseudolithoxus tigris* (Armbruster & Provenzano, 2000)

Genus *Pseudoloricaria* Sleeker, 1862
*Pseudoloricaria laeviuscula* (Valenciennes, 1840)

Genus *Pseudorinelepis* Sleeker, 1862
*Pseudorinelepis genibarbis* (Valenciennes, 1840)

Genus *Pseudotocinclus* Nichols, 1919
*Pseudotocinclus intermedius* Nichols, 1919, currently *Pseudotocinclus riebei* Gomes, 1955, currently *Schizolecis guentheri*
*Pseudotocinclus tientensis* (Ihering, 1907)
*Pseudotocinclus janesiensis* Britski & Garavello, 1984
*Pseudotocinclus obtusa* (Miranda Ribeiro, 1911)

Genus *Ptychichthys* Steindachner, 1907, currently *Hemipsilichthys*
*Ptychichthys cameroni* Steindachner, 1907, currently *Hemipsilichthys cameroni*

Genus *Pterosturisoma* Isbrücker & Nijssen, 1978
*Pterosturisoma microps* (Eigenmann & Allen, 1942)

Genus *Pterygoplichthys* Bleeker, 1862, currently *Pterygoplichthys*
*Pterygoplichthys anisitsi* Eigenmann & Kennedy, 1903, currently *Liposarcus ambrosetti*
*Pterygoplichthys juvens* Eigenmann & Kennedy, 1903, currently *Liposarcus ambrosetti*

Genus *Pterygoplichthys* Gill, 1858
*Pterygoplichthys etentaculatus* (Agassiz, 1829)
*Pterygoplichthys parananus* Peters, 1881, currently *Megalancistrus parananus*
*Pterygoplichthys undecimalis* (Steindachner, 1878)
*Pterygoplichthys zuliaensis* Weber, 1991
Genus *Pyxiloricaria* Isbrücker & Nijssen, 1984
*Pyxiloricaria menezesi* Isbrücker & Nijssen, 1984

Genus *Quiritixyx* Isbrücker, 2001
*Quiritixyx leiopleura* (Oyakawa, 1993)

Genus *Reganella* Eigenmann, 1905
*Reganella depressa* (Kner, 1854)

Genus *Rhadinoloricaria* Isbrücker & Nijssen, 1974
*Rhadinoloricaria macromystax* (Günther, 1869)

Genus *Rhinelepis* Agassiz, 1829
*Rhinelepis agassizii* Steindachner, 1877, currently *Pseudorinelepis genibarbis*
*Rhinelepis aspera* Agassiz, 1829
*Rhinelepis levius* Pearson, 1924, currently *Cochilodon levius*
*Rhinelepis lophophanes* Eigenmann & Eigenmann, 1889, currently *Ottothyrhis lophophanes*
*Rhinelepis parahybae* Steindachner, 1877, currently *Pogonopomoides parahybae*
*Rhinelepis rudolphi* Miranda Ribeiro, 1911, currently *Parastichyodes rudolphi*
*Rhinelepis strigosa* Valenciennes, 1840

Genus *Rhineloricaria* Berg, 1893, currently
*Rineloricaria*
*Rhineloricaria morowi* Fowler, 1940, currently *Hemiloricaria morowi*
*Rhineloricaria petleyi* Fowler, 1940, currently *Limafluithys petleyi*
*Rhineloricaria wolfei* Fowler, 1940, currently *Hemiloricaria wolfei*

Genus *Rhinelepis* Borodin, 1927, currently *Rhinelepis*
*Rhinelepis paraguensis* Borodin, 1927, currently
*Otocinclus vitatus*

Genus *Rilelepis* Valenciennes, 1840, currently
*Rilelepis*
*Rilelepis acanthicus* Valenciennes, 1840, currently *Acanthicus hystrix*
*Rilelepis genibarbis* Valenciennes, 1840, currently *Pseudorinelepis genibarbis*
*Rilelepis histrix* Valenciennes, 1840, currently
*Pseuacanthicus histrix*
*Rilelepis strigosa* Valenciennes, 1840, currently
*Rilelepis strigosa*
Dr Richard van der Laan recently kindly sent me some improvements to the original list, such as 1) brackets around author name and year of Gosline, 1947 who originally published Hypostomus myersi in Plecostomus, 2) the gender of Oxyropsis (which is feminine rather than masculine), and 3) the three species of Otothyris, described by Garavello, Britski & Schaefer, 1998, which inadvertently were not included in 2001. In addition, I subsequently noted that Hypostomus affinis, H. aspilogaster, H. borelli, H. commersonoides, and H. cordovae were inadvertently omitted from the first list as valid species, although they were correctly referred to Hypostomus under Plecostomus, their original genus. Five species were validly described and named since the issue of the German Nomenclature. These are recorded in the present list. They are Ancistrus aaguaboensis and A. minutus, Hypancistrus inspector, Rineloricaria aequiplicus and R. maquinensis. This brings the total number of validly described species of Loricariidae to 692 in 108 genera, a fresh count. The total numbers mentioned in the previous list, 684 (but 687 in Isbrucker, 2002) species in 107 genera, was too low, partly due to some of the omissions corrected here. Correctly counting zoological names is obviously often a quite complicated matter, particularly if only the valid ones are given. Some of the forms yet considered as mere synonyms might prove to represent valid species as well. But especially the ongoing discovery and description of new species will soon raise the number over 700.

Dr Peter Burgess
52 Victoria Road
Writtle
Chelmsford
Essex CM1 3PA
ENGLAND
G.B.W
Products & Services

High class joinery
Cabinets  Furniture
Wood carvings
COMMISSIONS UNDERTAKEN

Write to: Brian Walsh
9 Marsh Terrace
Darwen
Lancs
BB3 0HF

Phone: (01254)776567
Mobile: 07977 428 788
Email: g.b.w@brianwalsh1.freeserve.co.uk
DRAPER POND PUMP 15% DISCOUNT WITH THIS ADVERT
(Not available off already discounted stock)
FROZEN FOOD
£1.95 per pack
4 for £7.00
12 for £19.50
(Blister pack)
1600 G.P.H
£49.95
Club members only

NEW COLDWATER SECTION
Friendly Staff
Ready to assist
Everything needed by the discerning aquarist
Mail orders taken

20 THE STRAND
BROMSGROVE
01527 879207
29/31 LOWESMOOR
WORCESTER
01905 25157

MERMAID COMPUTER SYSTEMS

Complete systems manufactured to suit individual requirements
From £395.00 + VAT

Spares available for DIY projects

Discount Epson printer cartridges

Scanners from £45.95
ModeMs from £19.95
(Supply only)

MERMAID SYSTEMS LTD
20 THE STRAND
BROMSGROVE, WORCS.
B61 8AB
TEL 01527 570072 FAX 01527 833601