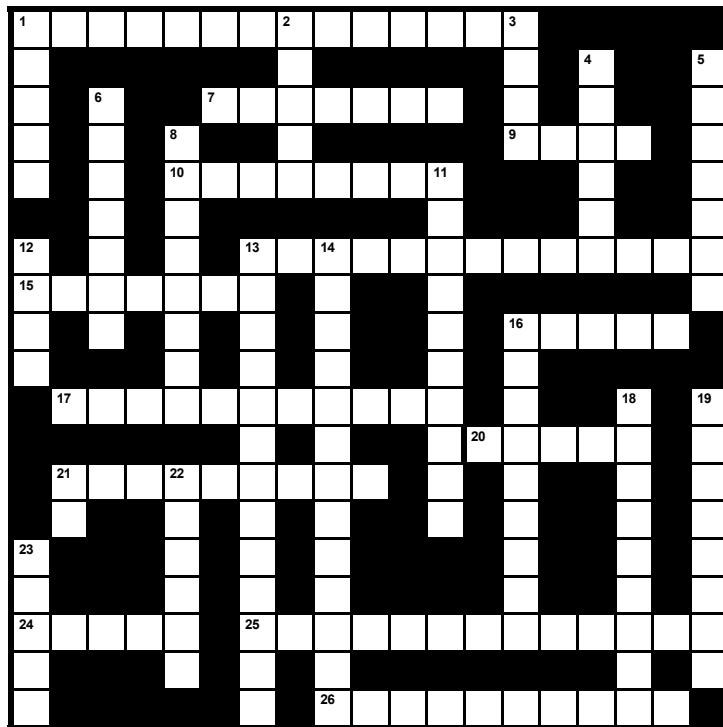


2003-03-02_Aquarium_19x19



Across

1 Purification of water by forcing it through a semipermeable membrane which prohibits salts or impurities to pass. (7,7)

7 A naturally occurring ore which absorbs ammonia and softens water. (7)

9 Partially carbonized vegetable matter saturated with water; can be used as a filter material to soften water and make it more acidic. (4)

10 Rocks taken from the vicinity of a tropical coral reef with all of the life intact on them. (4,4)

13 In this form of a wet/dry filter water is dripped over some media which is also exposed to the air, which promotes nitrification. (7,6)

15 A device which makes aquarium water cooler. (7)

16 Softly bright or radiant. (5)

17 Fish which produce live

young rather than laying eggs. (4,7)

20 Decoration consisting of the layout and furnishings. (5)

21 This is a small mechanical filter attached to the input to another filter to avoid clogging in the latter. (9)

24 Glassy finish. (5)

25 The process by which ammonia is changed to nitrite, then nitrate, and finally nitrogen gas. (13)

26 Ultraviolet XXXXXXXXXXX uses UV light to kill bacteria and other tiny organisms. (10)

Down

1 Acronym for reduction-oxidation potential. (5)

2 A gas, which is used as a sterilizing agent to kill bacteria and small organisms in the water. (5)

3 A receptacle that is placed under the main

aquarium, to increase the system's total water volume, and to place various pieces of hardware, like pumps, heaters, reactors, probes, etc. (4)

4 That is what the letter "G" stands for in acronym "UGF" meaning under XXXXXX filter. (6)

5 A valve which produces bubbles by drawing air into quickly flowing water. (7)

6 Its chemical formula is NH3. (7)

8 With pH value above 7. (8)

11 German word for water with calcium hydroxide dissolved in it. (10)

12 A film of impurities formed on the surface of a liquid. (4)

13 Chemicals, just like vitamins, needed to be replenished in small amounts for aquarium creatures to survive. (5,8)

14 Animals without backbones. (13)

16 Living or active in the absence of free oxygen. (9)

18 A mineral form of crystalline calcium carbonate, that makes up coral skeletons and coral sand. (9)

19 Commonly used to keep bacteria out of municipal water supplies. It is poisonous to fish, but can be removed with special dechlorinating compounds. (8)

21 A measure of how acidic or alkaline a solution is. (2)

22 A device that removes something from whatever passes through it. (6)

23 Plant-like chlorophyll-containing aquatic organisms lacking true stems and roots and leaves. (5)