


Sex Dimorphism of *C. aurantimaculata*

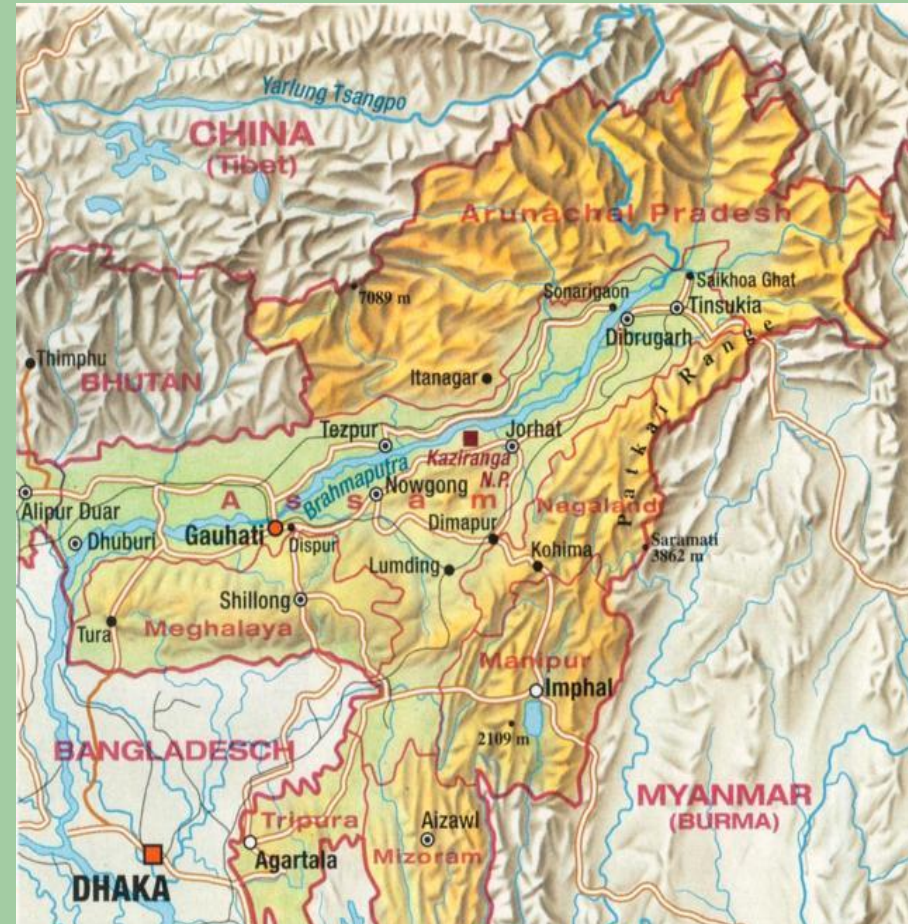


www.snakeheads.org



Natural History of *Aurantimaculata*

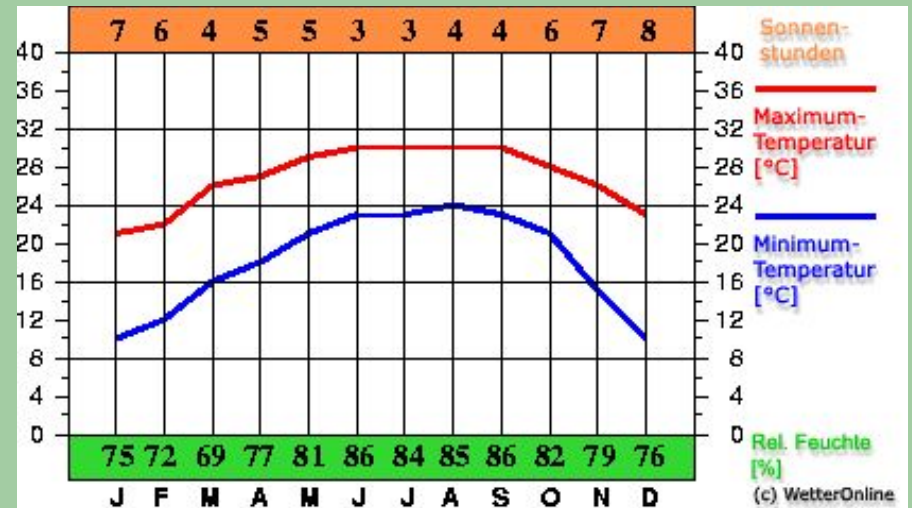
- ❖ Type habitat: Dibrugarh
- ❖ Same area as *C. bleheri*
- ❖ Biotope not accessible
- ❖ First description: Musikasinthorn 2000 



Climate and Breeding habits

❖ Hibernation

- Harz/Zellmer-Hypothesis : „Channa of NE-India need a cold hibernation“
- Winter: water temperature $< 19\text{ C}^\circ$
- Spring/summer: water temp. increasing slowly to 25 C°



Channa with Sex Dimorphism

- ❖ 2001 - Breeding of *C. sp.* „lal cheng“
- ❖ „Schnieder-Hypothesis“:
 - different head shape
 - different coloring



Sex Dimorphism of *C. aurantimaculata*

❖ Female

- Pattern: only a few sprinkles on the side
- Colour (body): larger vertical stripes in orange/yellow
- Colour (back & head): larger area of brown, less interrupted
- Shape (body): larger circumference compared to male partner
- Shape (head): extension of head between eye and gillcover



Sex Dimorphism of *C. aurantimaculata*

❖ Pattern

- Female only a few sprinkles on the side



Sex Dimorphism of *C. aurantimaculata*

❖ Colour

- Female: larger vertical stripes in orange/yellow



Sex Dimorphism of *C. aurantimaculata*

❖ Colour

- Female: larger area of brown, less interrupted



Sex Dimorphism of *C. aurantimaculata*

- Female: extension of head between eye and gillcover



Sex Dimorphism of *C. aurantimaculata*

❖ Shape of Body

- Male: slim overall body shape



Sex Dimorphism of *C. aurantimaculata*

- ❖ Resume: Same differences - different sexes



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All the pictures are copyrighted even if nothing specially is mentioned. To all contributors thank you very much:

- Dennis Hoffmann
- Joerg Zollin
- Matthias Schnieder
- Specially we would like to express our thankfulness to Marc C. who has sent us the most important pics for these slides. Marc wants to be anonymous for the sake of keeping his fish in a country which prohibits this.

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