

ORNAMENTAL
FISH
Culture

UNIVERSITI MALAYSIA TERENGGANU



QUALITY DETERMINING CHARACTERS OF ORNAMENTAL FISH



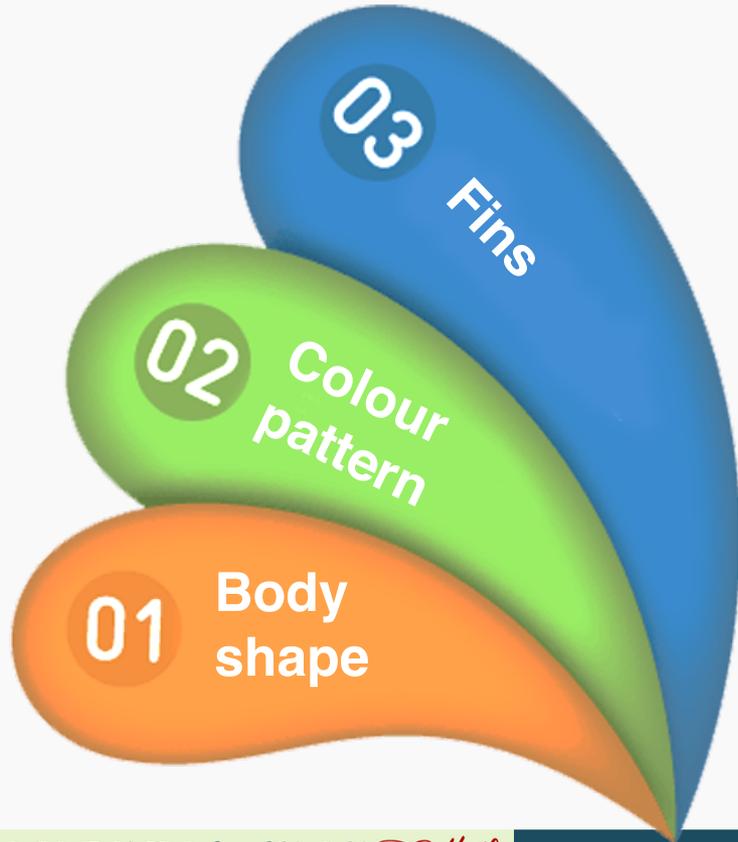
Presented by:

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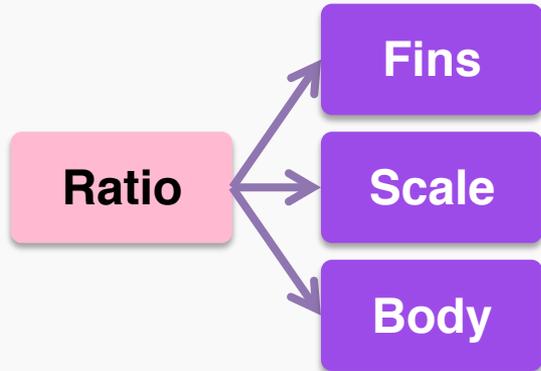
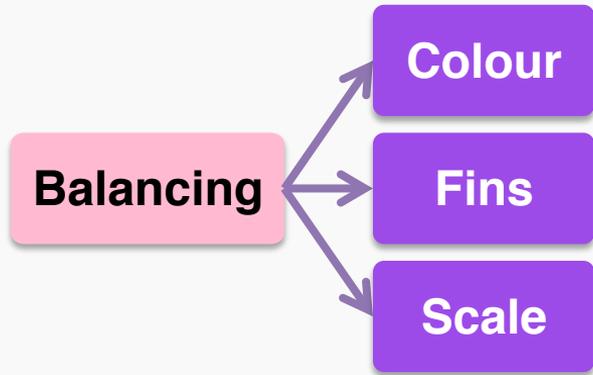
Introduction



Topic Outline



Principle of Ornamental Quality Criteria



Unique morphology

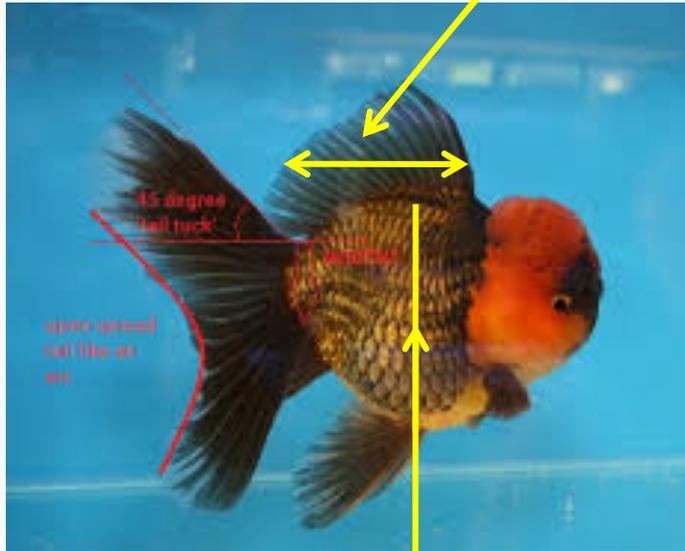
Unique swimming pattern

Fins



Quality Determination - Goldfish

High & extend fins



High body

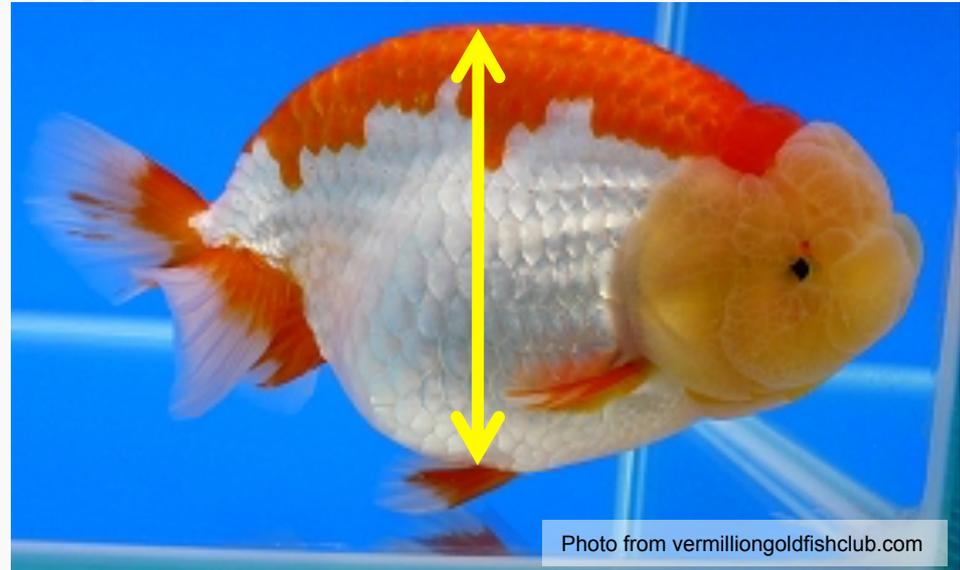
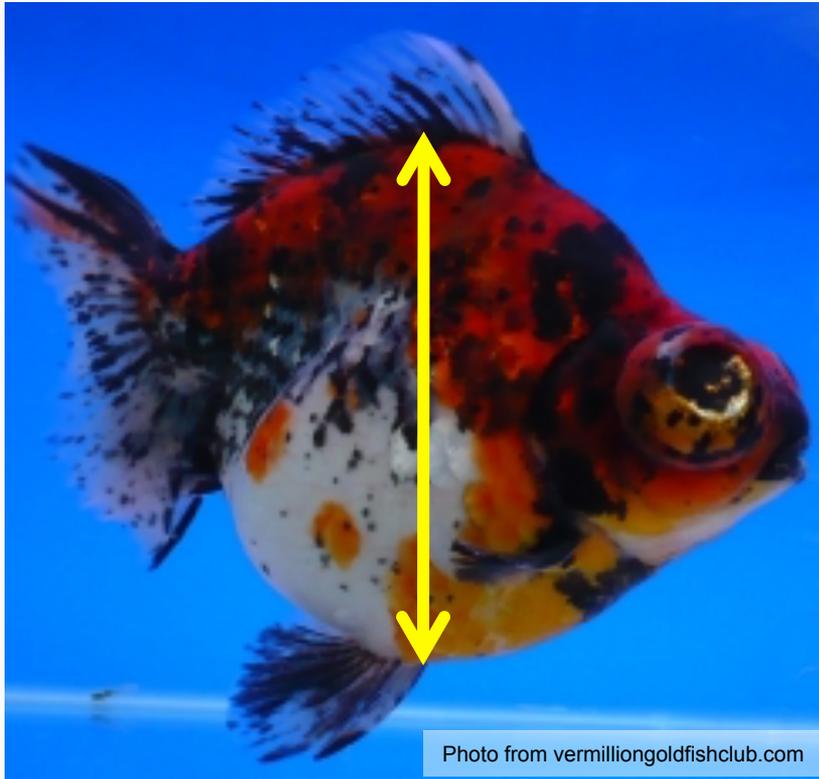
Colour balance



Extend fins

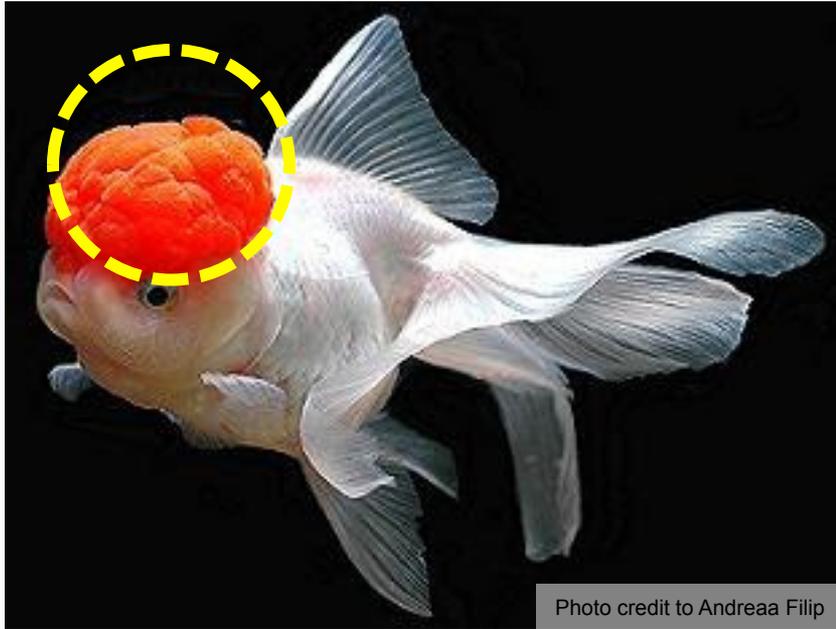
Balance eye distance

Quality Determination - Goldfish

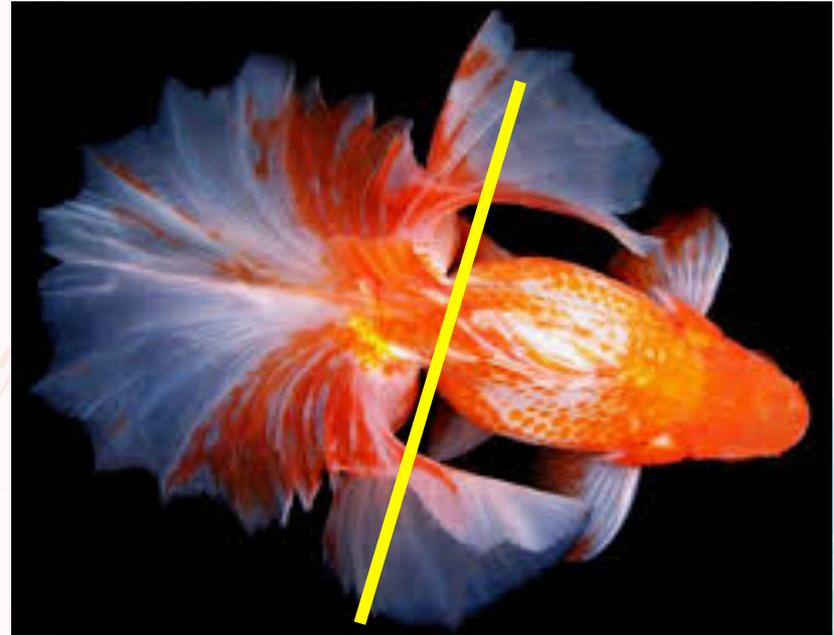


Balance colour
High body
Unique colour pattern

Quality Determination - Goldfish

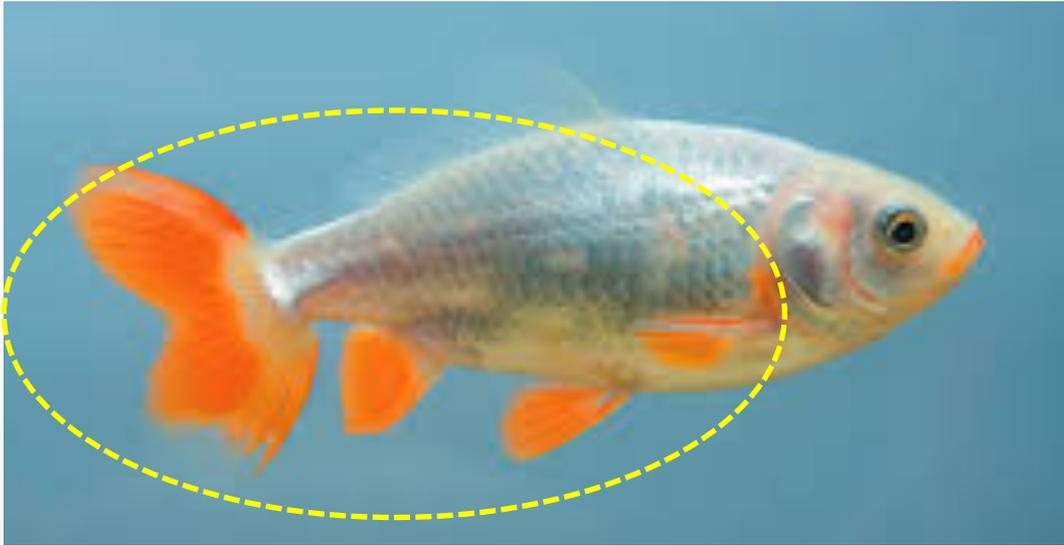


Balance colour
Unique colour pattern

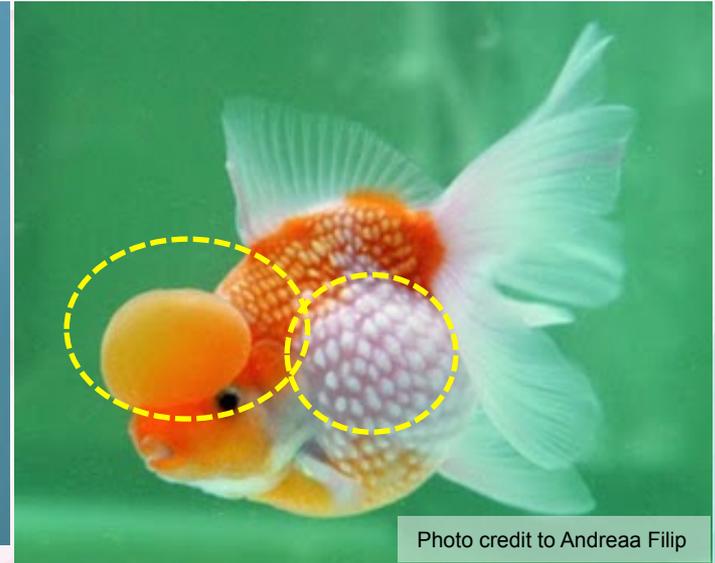


Balance colour
Unique colour pattern

Quality Determination - Goldfish



Balance colour
Unique colour pattern



Unique scale
High fins
Unique bubble head

Quality Determination - Goldfish

Balance
colour

High body

Unique
colour
pattern



Quality Determination - Goldfish



Body too long
Body depth too low
Colour imbalance

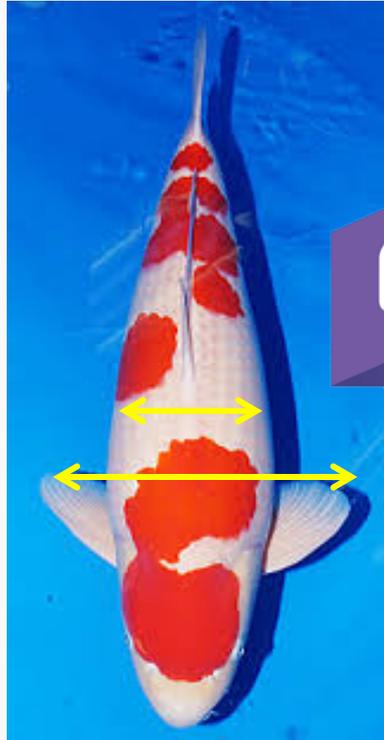
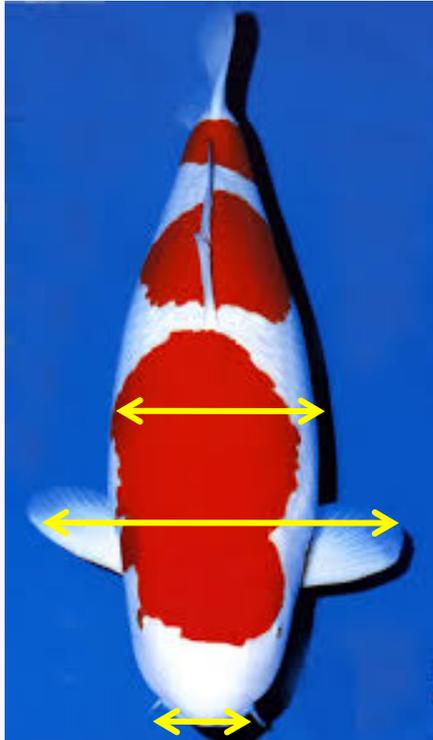


Body too long
Body depth too low
Colour imbalance
Eye too extend



Colour imbalance

Quality Determination - Koi



Characteristics of consideration:

01

body shape –
balance, round & long



02

pectoral fin – extend
& balance



03

Barbel – extend
& balance



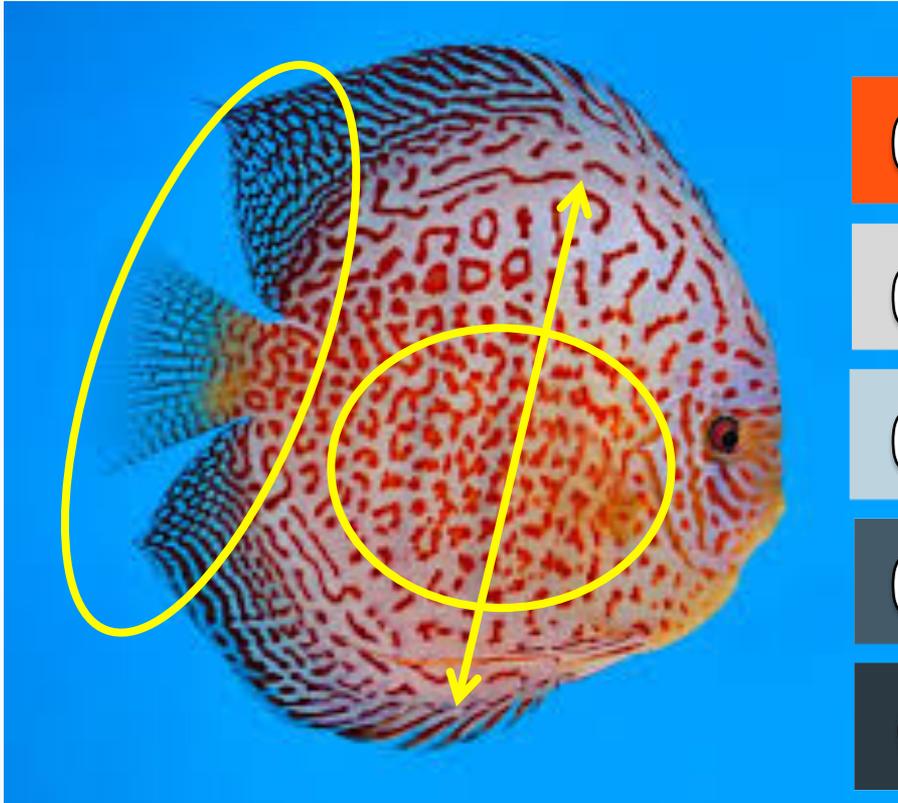
04

colour – clear,
shape & balance



Quality Determination - Discus

Characteristics of consideration



01

body shape – round & high

02

fins – long and extend

03

colour – unique pattern & clear

04

eye – red

05

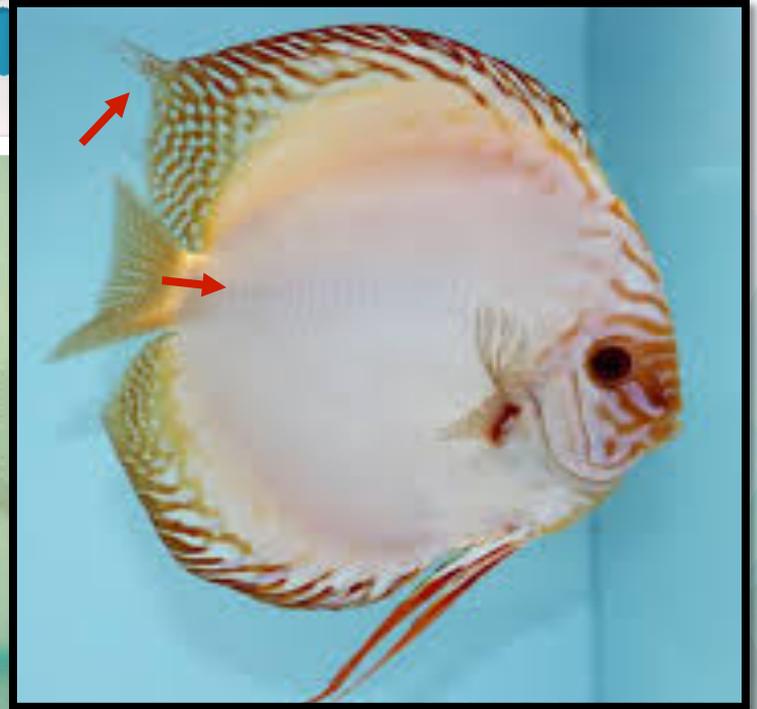
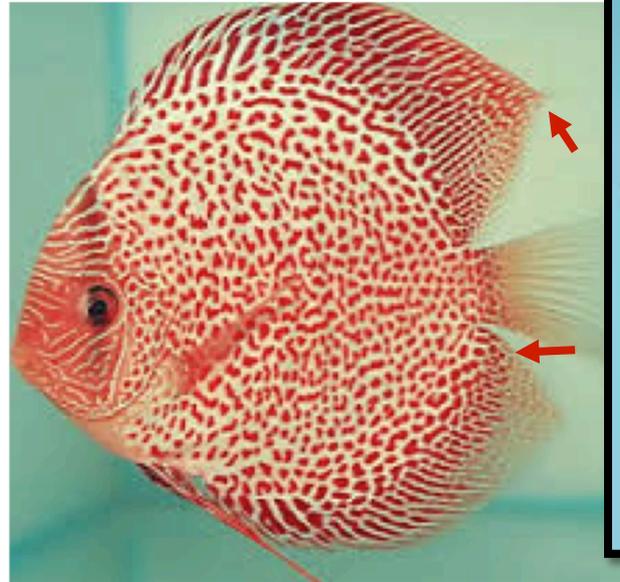
swimming pattern – steady

Quality Determination - Discus

Balance colour

High body

Unique colour pattern



Quality Determination - Discus



**Body not round
Colour not shape**



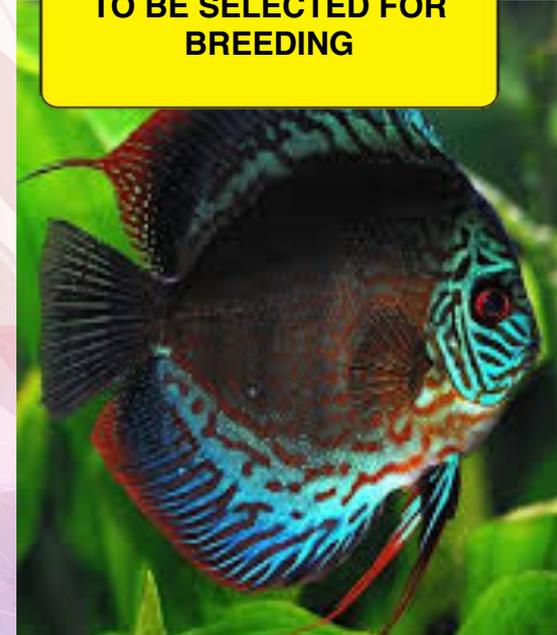
Photo from enkivillage.com

**Colour not shape with
black spot**

KEMENTA

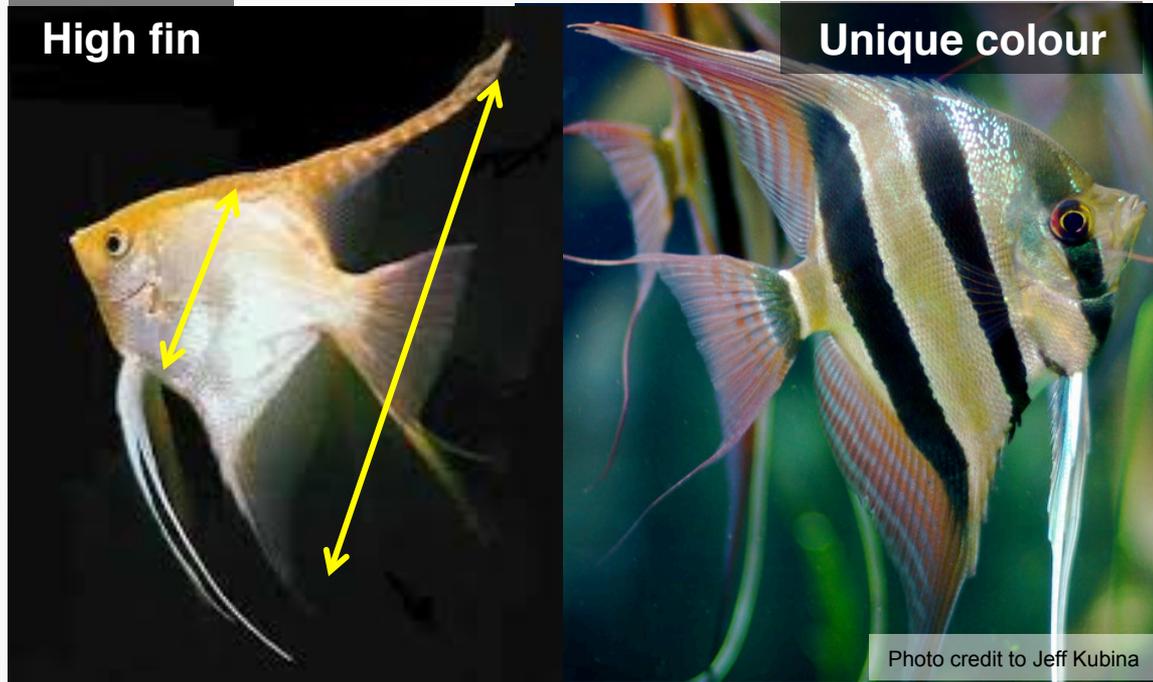
WARNING

**NOT A GOOD QUALITY
TO BE SELECTED FOR
BREEDING**



Black body colourz

Quality Determination – Freshwater Angelfish



**Characteristics of
consideration:**

**fins – high &
balance**

body shape – high

**colour pattern
– shape & clear**

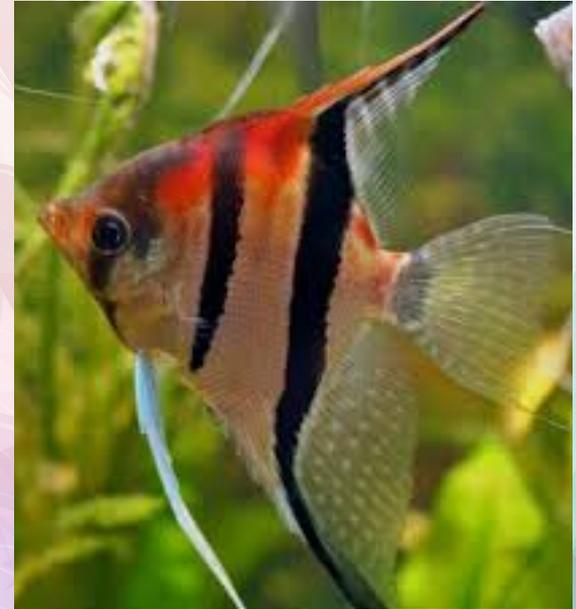
Quality Determination – Freshwater Angelfish



Clean & sharp solid
colour with high fins



Mono-solid colour
Long fins



Balance sharp &
high fins

Quality Determination – Freshwater Angelfish



Short & imbalance fins
Imbalance colour pattern



Imbalance colour
With NO pattern

WARNING

NOT A GOOD QUALITY
TO BE SELECTED FOR
BREEDING

Quality Determination – Schooling Fish

Tetra

Barb

Rasbora

Minnow



Quality Determination – Schooling Fish



Sharp & clean
colour



Long fins &
sharp colour



Balance body &
sharp colour



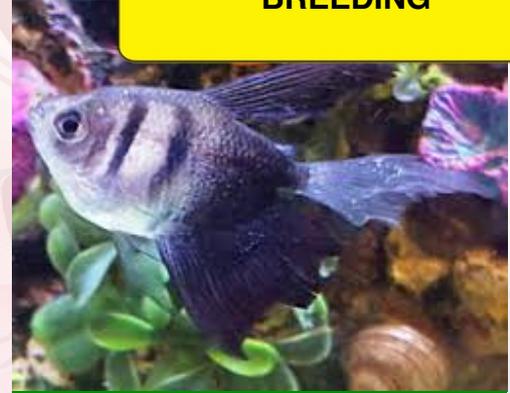
Quality Determination – Schooling Fish



Abnormal body



Colourless



Imbalance fin



WARNING

**NOT A GOOD QUALITY
TO BE SELECTED FOR
BREEDING**

Conclusion



**“Different species
different quality
determination”**



THANK YOU

Terima Kasih

