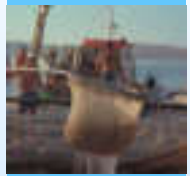
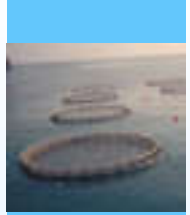


PIGMENTECH:

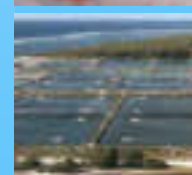
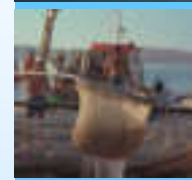
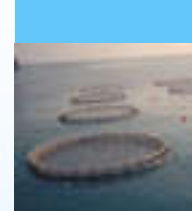
A NATURAL ALTERNATIVE FOR SHRIMP PIGMENTATION



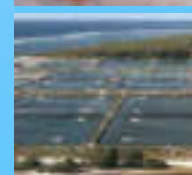
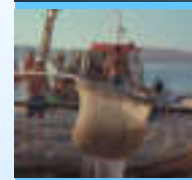
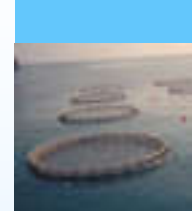
PIGMENTATION TRIAL WITH A NATURAL MIX PIGMENTECH

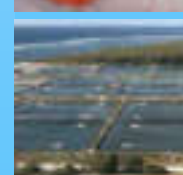
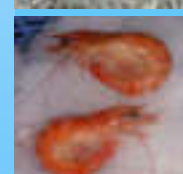
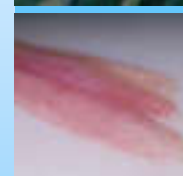
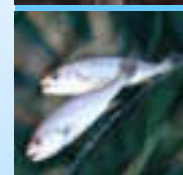
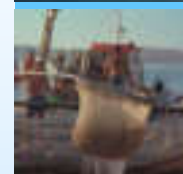
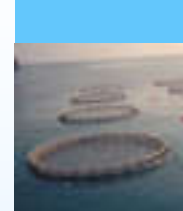
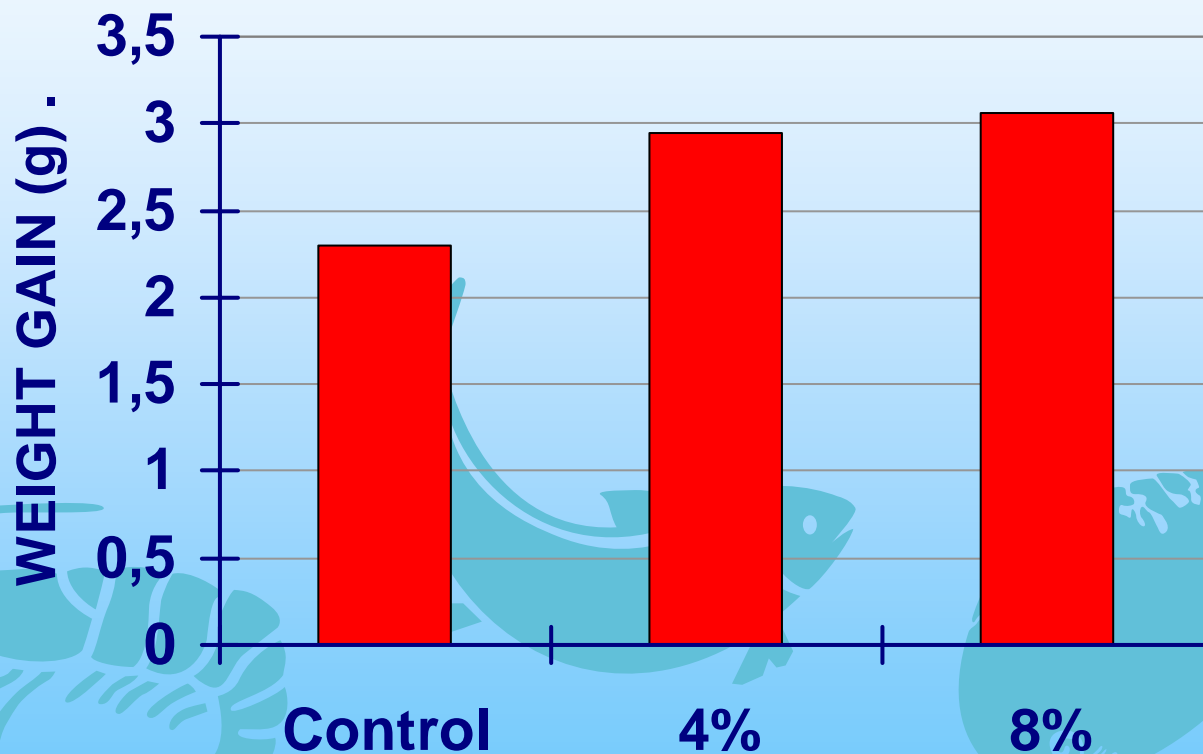
EXPERIMENT MADE IN AQUACOP, TAHITI

- **CRUDE PROTEIN** **52%**
- **CRUDE FAT** **10%**
- **RICH IN PIGMENTS**
- **RICH IN ESSENTIAL FATTY ACIDS**

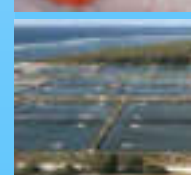
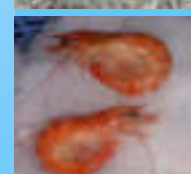
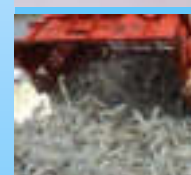
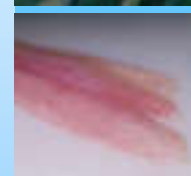
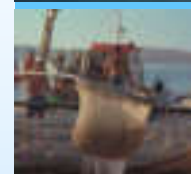


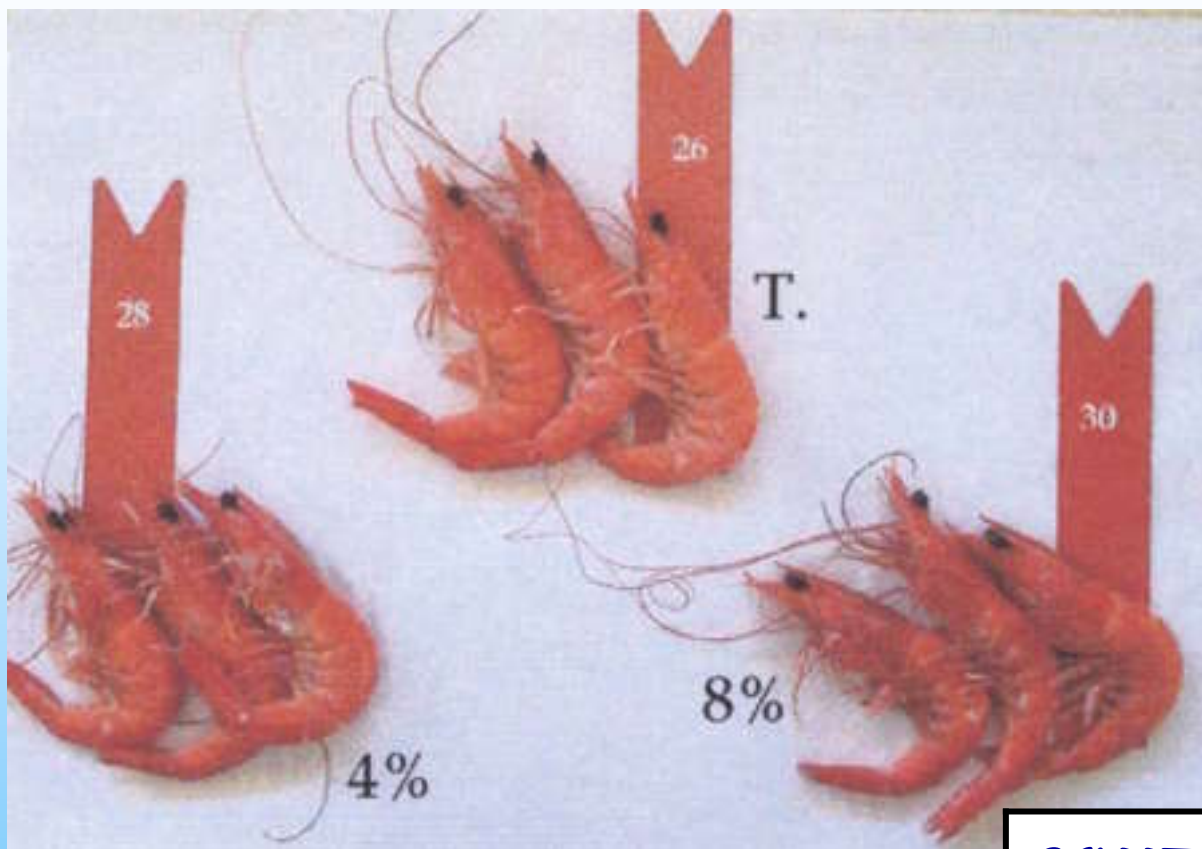
- **PENAEIDS (*L.STYLIROSTRIS*)**
IBW 22,5G (IN.COLOUR=28)
 - **TANK, CLEAR WATER – T°**
26°C, S= 36‰
 - **3 INCORPORATIONS RATE**
 - **6 REPLICATES**
 - **21 DAYS DURATION**
 - **3-4 FEED DISTRIBUTION / D**
 - **COLOUR INDEX ASSESSMENT**
(3MIN BOILING -5G/L)
 - **WEIGHT GAIN**
- **FEED : (35/9)**
 - **FISH MEAL**
 - **WHEAT**
 - **SOYA CAKE**
 - **YEAST**
 - **WHEAT GLUTEN**
 - **FISH OIL**



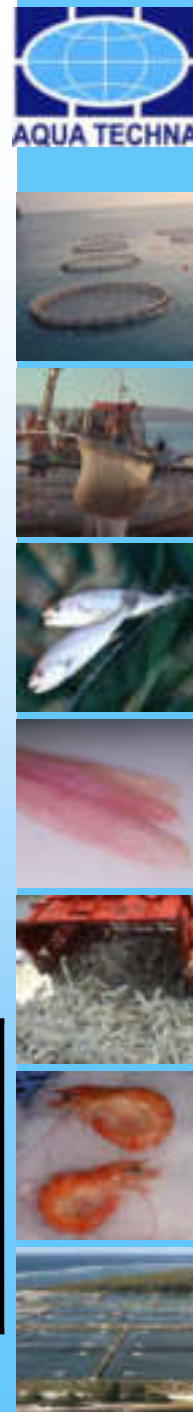


- ***SIGNIFICANT GROWTH IMPROVEMENT (DIGESTIBLE PROTEIN)***
- ***NO SURVIVAL DIFFERENCES (80-100% ACCORDING TANKS)***
- ***NO DIFFERENCES IN MOULT AMOUNT***
- ***NO DIFFERENCE IN FOOD CONSUMPTION***

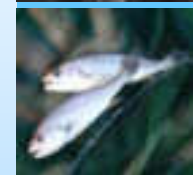
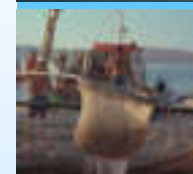




CONT	4%	8%
26,4	28,3	30,2
+/-1,3^A	+/-1,1^B	+/-0,9^C



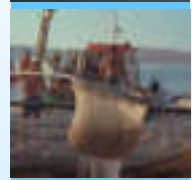
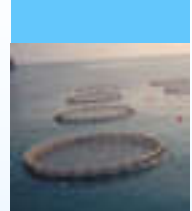
	EPIDERM (PPM ASTAXANTHINE)	HEPATHOPANCREAS (PPM ASTAXANTHINE)
CONTROL 0 PPM XANTHOPHYLLS	510	28
PIGMENTECH 4% 93 PPM XANTHOPHYLLS	890	119
PIGMENTECH 8% 189 PPM XANTHOPHYLLS	1383	156

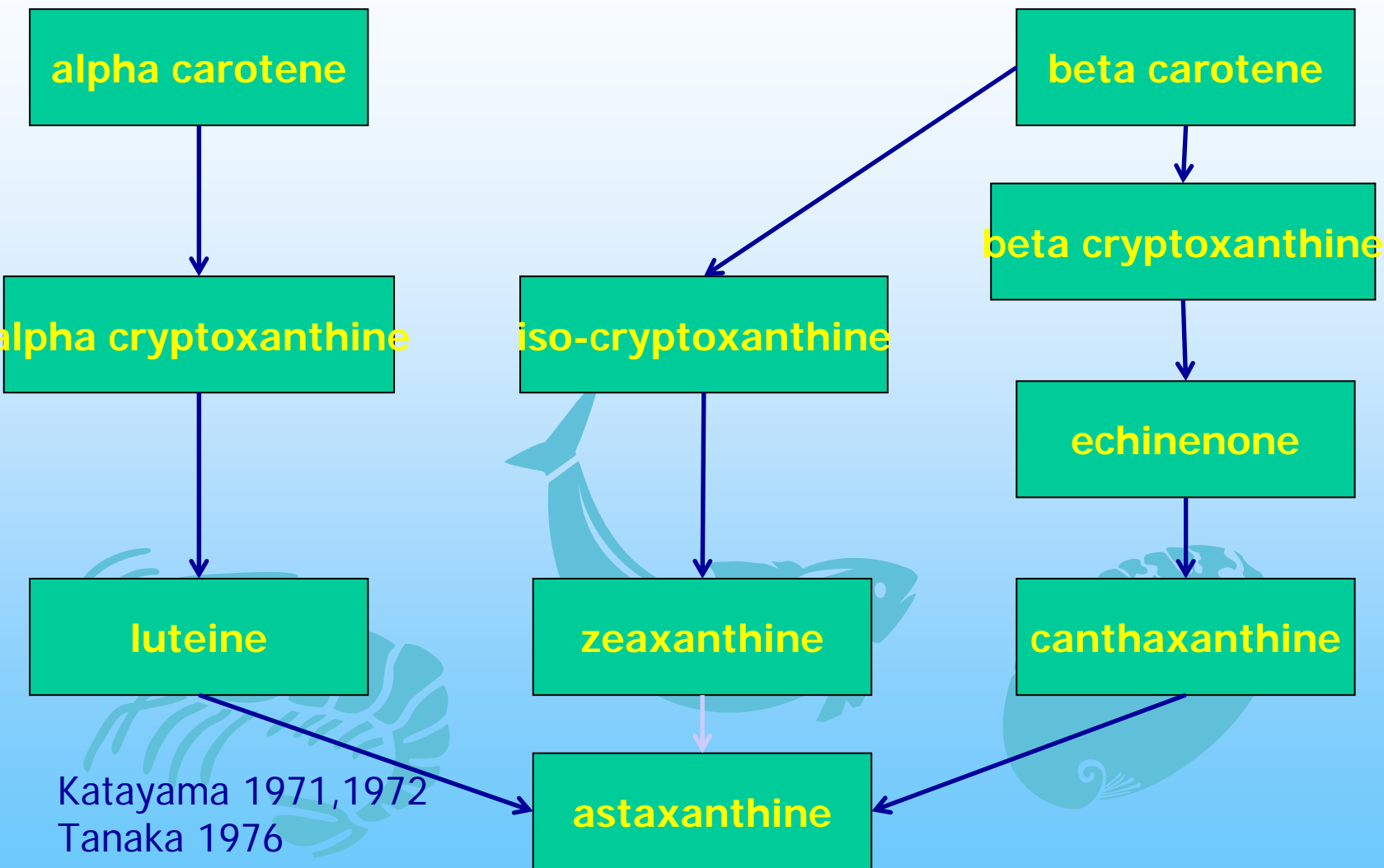


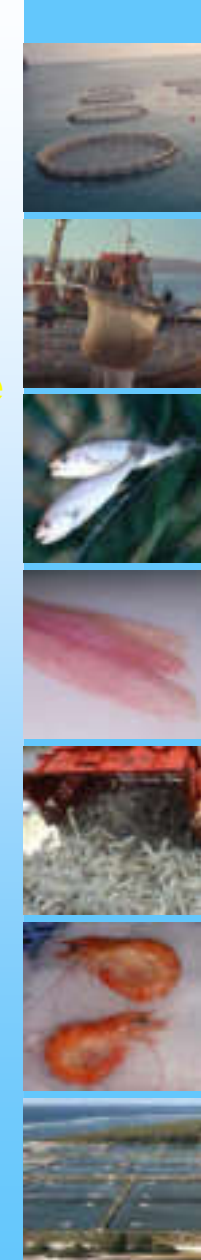
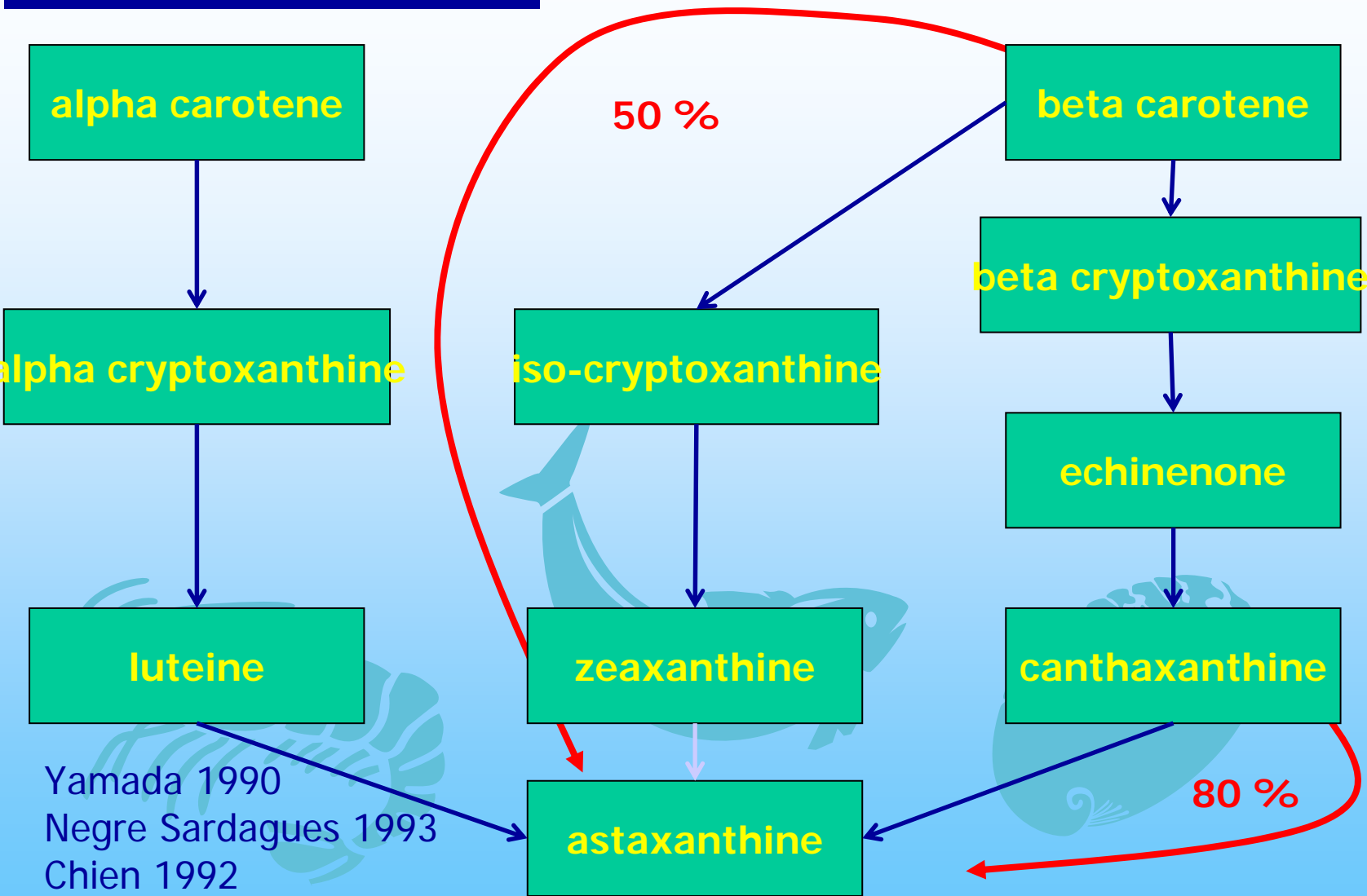
⇒ **SIGNIFICANT IMPROVED COLORATION VS CONTROL**

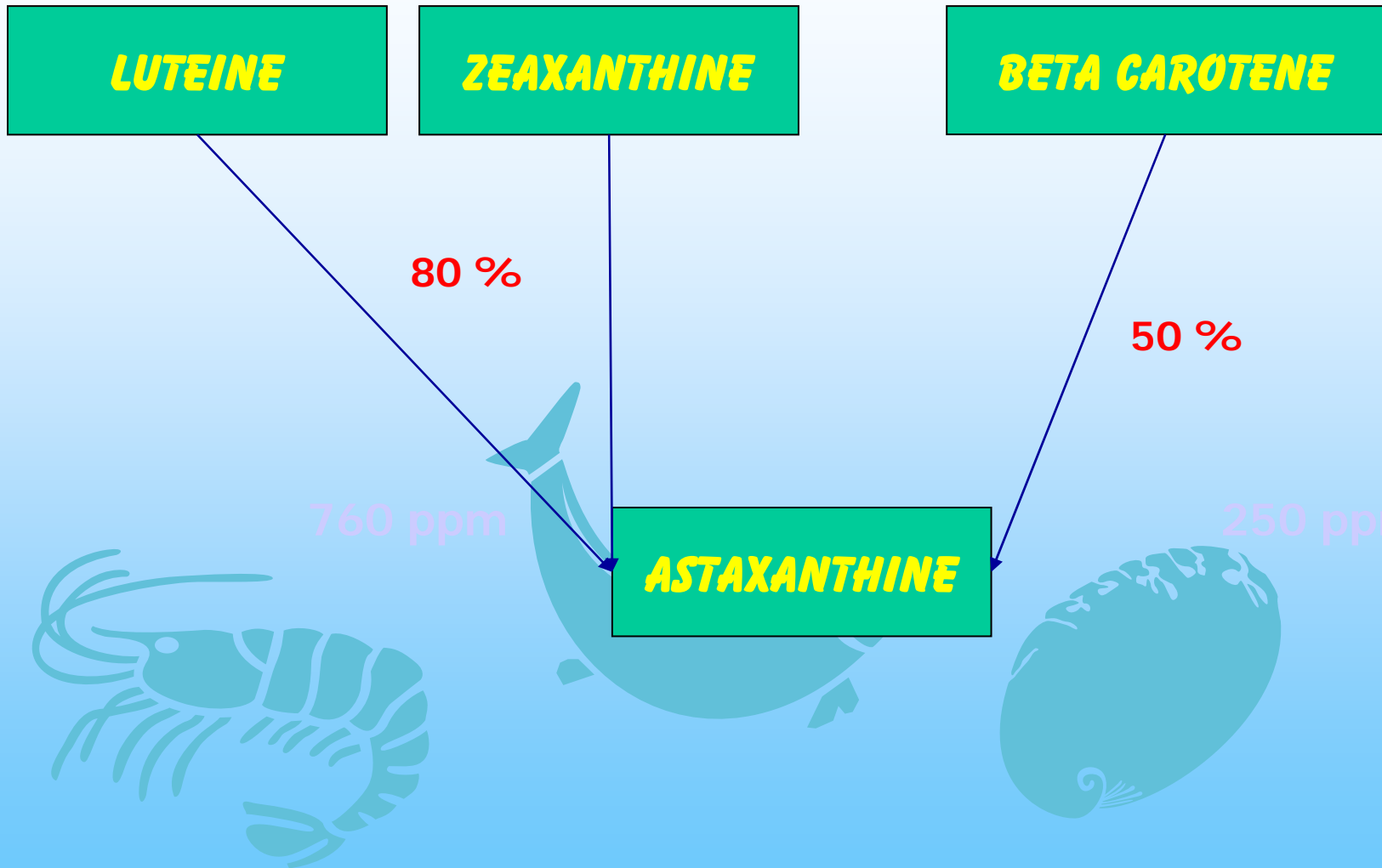
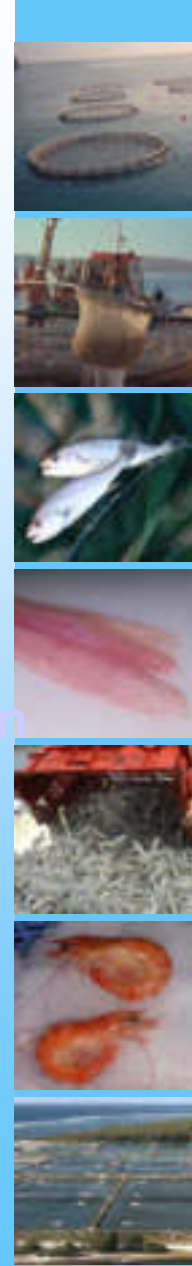
⇒ **INCREASED COLOUR WITH INCREASE INCORPORATION RATE**

⇒ **PIGMENTECH'S PIGMENTS (LUTEIN, CAROTENE,...) TURNS INTO ASTAXANTHINE**









⇒ SHRIMP COLOUR CAN BE MAINTAINED AND IMPROVED WITH PIGMENTECH , BRINGING PIGMENTS WITH OTHER INTERESTING NUTRIENTS:

✓ HIGHLY DIGESTIBLE PROTEIN

✓ NATURAL ANTI OXIDANTS

✓ ESSENTIAL FATTY ACIDS

⇒ ECONOMICAL PRODUCT

