

DONNEES NUMERIQUES SUR LES PETITS THONS ROUGES T. THYNNUS
CAPTURES SUR LEPLATEAU CONTINENTAL MAROCAIN

par

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Cette note concerne les mesures taille/poids effectuées sur 246 thons rouges capturés devant les côtes marocaines entre les mois de mai et octobre au cours des années 1960 à 1964.

Dans le listing ci-joint, la longueur l est donnée en millimètres ; seuls les trois premiers chiffres sont à prendre en compte. Le poids M est donné en grammes ; les trois derniers zéros après la virgule sont à éliminer.

Les poissons d'une taille inférieure à 60 cm ont été mesurés (museau - fourche caudale) et pesés à terre.

Les poissons d'une taille supérieure à 60 cm ont été mesurés et pesés en mer, ce qui explique sans doute la dispersion observée sur la figure 1 de la courbe taille/poids.

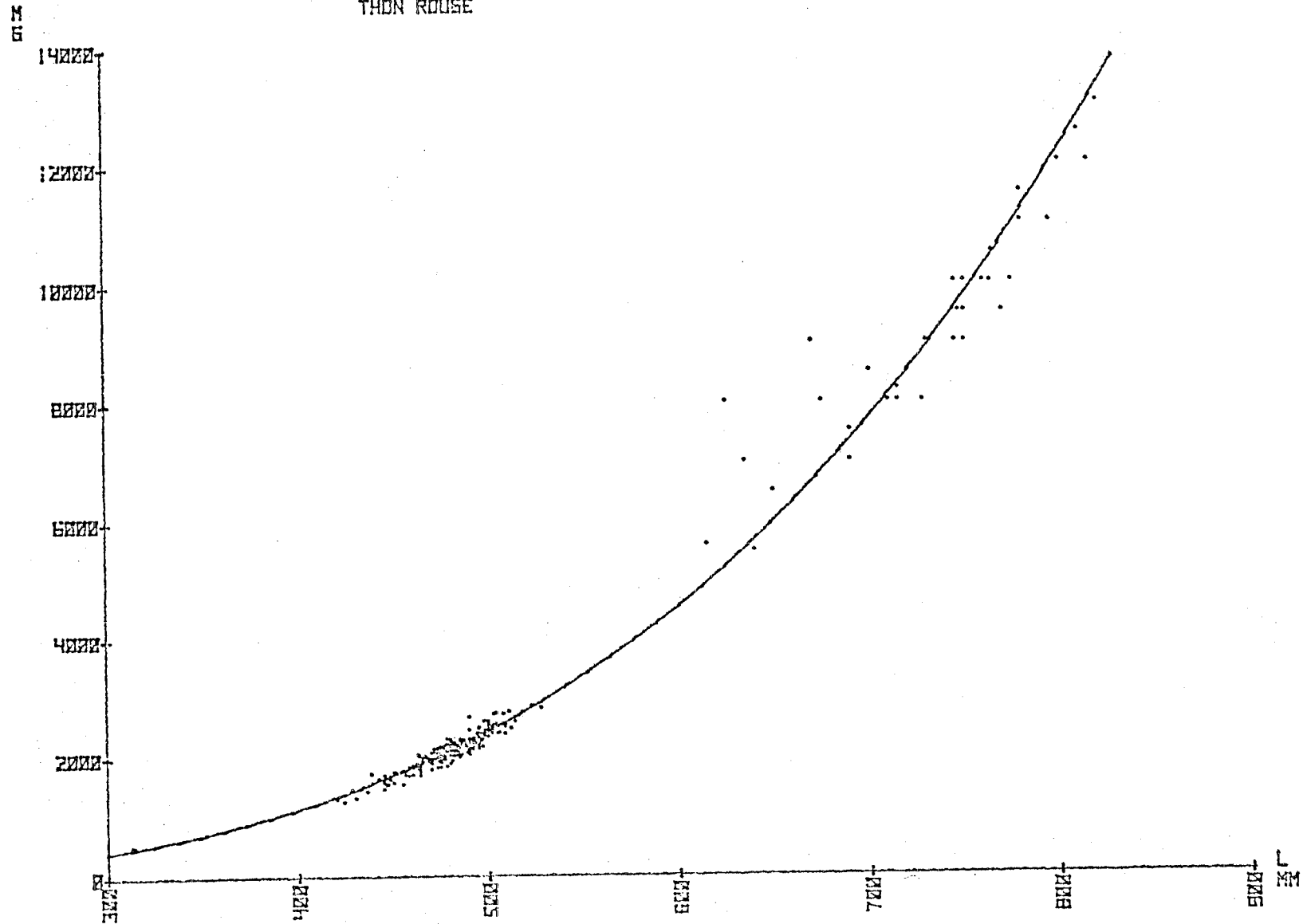
Les éléments de calcul (*) de cette courbe sont donnés dans le tableau 1.

Les températures de surface enregistrées au moment des captures variaient de $17^{\circ}95$ à 21° , la moyenne se situant vers 19° . La quasi totalité de ces prises ont été réalisées au dessus des fonds de - 70, - 100 mètres. La nourriture de ces petits thons rouges se composait d'une proportion élevée d'anchois ; venaient ensuite un crabe pélagique (g. Polybius) et des petits calmars.

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(*) Travaux effectués au Centre de Calcul de Nantes (F. DELAPORTE - Y. CADICU)

THON ROUSE



23 02 78

L 3.4355
P = 1.297E-06

- Fig. 1. -

JEUDI 23 FEVRIER 1978
 programme : TXP, fichier : TAPO, disque : BROUIL

RUB. EN X : L
 RUB. EN Y : M

LIMITES : 300 900
 LIMITES : 0 14000

SELECTION PAR :

E.T NEANT
 CORPS L,DANS 300,1000,
 CORPS M,DANS 500,14000,

reference : THON ROUGE

Y= 3.4355 x -5.887 coef. cor : 0.994

nombre de couples : 246
 masse P en fonction de la taille L : P= 1.297E-06 L³ 3.4355

- Tb. 1 -

lig	L	M
1	424,000	1250,000
2	460,000	1860,000
3	475,000	1830,000
4	504,000	2740,000
5	445,000	1580,000
6	470,000	1950,000
7	474,000	2080,000
8	474,000	2130,000
9	478,000	2310,000
10	481,000	2230,000
11	490,000	2680,000
12	500,000	2470,000
14	503,000	2730,000
15	508,000	2735,000
16	463,000	1870,000
17	464,000	1750,000
18	471,000	2140,000
19	480,000	2040,000
20	482,000	2090,000
21	485,000	2185,000
22	486,000	2235,000
23	488,000	2220,000
24	489,000	2080,000
25	491,000	2295,000
26	493,000	2260,000
27	495,000	2210,000
28	495,000	2485,000
29	498,000	2365,000
30	500,000	2350,000
31	500,000	2530,000
32	504,000	2570,000
33	509,000	2550,000
34	474,000	2000,000
35	482,000	2030,000
36	492,000	2280,000
37	496,000	2275,000
38	505,000	2410,000
39	514,000	2600,000
40	514,000	2680,000

lig	L	M
1	445,000	1475,000
2	455,000	1550,000
3	451,000	1750,000
4	462,000	1890,000
5	463,000	2020,000
6	458,000	1835,000
7	463,000	2035,000
8	465,000	1930,000
9	460,000	1815,000
10	472,000	2075,000
11	475,000	2180,000
12	470,000	1980,000
13	470,000	2085,000
14	485,000	2260,000
15	480,000	2220,000
16	484,000	2185,000
17	476,000	2045,000
18	485,000	2020,000
19	482,000	2120,000
20	485,000	2040,000
21	487,000	2285,000
22	489,000	2170,000
23	490,000	2130,000
24	490,000	2160,000
25	492,000	2320,000
26	490,000	2160,000
27	492,000	2320,000
28	495,000	2500,000
29	495,000	2330,000
30	487,000	2285,000
31	490,000	2465,000
32	498,000	2465,000
33	502,000	2405,000
34	500,000	2605,000
35	500,000	2450,000
36	498,000	2410,000
37	496,000	2415,000
38	509,000	2395,000
39	512,000	2500,000
40	512,000	2495,000

bloc 3

lig	L	M
1	434,000	1510,000
2	450,000	1570,000
3	447,000	1545,000
4	448,000	1680,000
5	464,000	1690,000
6	463,000	2045,000
7	474,000	1940,000
8	473,000	2145,000
9	467,000	2030,000
10	472,000	2090,000
11	468,000	2000,000
12	470,000	1795,000
13	472,000	1935,000
14	485,000	2300,000
15	477,000	2130,000
16	478,000	2100,000
17	480,000	2300,000
18	480,000	2280,000
19	482,000	2180,000
20	484,000	2090,000
21	484,000	2140,000
22	494,000	2385,000
23	488,000	2190,000
24	492,000	2140,000
25	492,000	2275,000
26	490,000	2060,000
27	492,000	2240,000
28	490,000	2240,000
29	486,000	2045,000
30	494,000	2410,000
31	500,000	2435,000
32	504,000	2550,000
33	502,000	2520,000
34	500,000	2570,000
35	502,000	2500,000
36	498,000	2615,000
37	503,000	2560,000
38	506,000	2420,000
39	508,000	2570,000
40	511,000	2770,000

bloc 4

lig	L	M
1	509,000	2520,000
2	509,000	2400,000
3	523,000	2860,000
4	528,000	2825,000
5	420,000	1310,000
6	428,000	1430,000
7	430,000	1320,000
8	436,000	1430,000
9	442,000	1630,000
10	445,000	1710,000
11	448,000	1620,000
12	450,000	1750,000
13	450,000	1750,000
14	455,000	1770,000
15	456,000	1710,000
16	458,000	1695,000
17	459,000	1820,000
18	460,000	1850,000
19	460,000	1830,000
20	460,000	1710,000
21	462,000	1860,000
22	463,000	1810,000
23	464,000	1850,000
24	464,000	1800,000
25	465,000	2000,000
26	465,000	1935,000
27	465,000	1900,000
28	467,000	2030,000
29	467,000	2000,000
30	468,000	1990,000
31	469,000	1930,000
32	470,000	1800,000
33	470,000	1920,000
34	470,000	1980,000
35	470,000	1980,000
36	470,000	1950,000
37	470,000	1890,000
38	470,000	2070,000
39	473,000	2020,000
40	473,000	2120,000

bloc 5

lig	L	M
1	474,000	2170,000
2	475,000	1930,000
3	475,000	1970,000
4	475,000	2000,000
5	475,000	2050,000
6	475,000	1920,000
7	476,000	2050,000
8	476,000	2170,000
9	477,000	1970,000
10	477,000	2200,000
11	477,000	2020,000
12	478,000	2220,000
13	478,000	1850,000
14	480,000	1900,000
15	480,000	2170,000
16	480,000	2190,000
17	481,000	1950,000
18	482,000	2250,000
19	482,000	2210,000
20	484,000	2040,000
21	484,000	2170,000
22	484,000	2220,000
23	485,000	2200,000
24	485,000	2010,000
25	485,000	2170,000
26	485,000	2210,000
27	486,000	2270,000
28	486,000	2060,000
29	490,000	2050,000
30	490,000	2110,000
31	490,000	2250,000
32	490,000	2310,000
33	492,000	2170,000
34	493,000	2240,000
35	495,000	2150,000
36	497,000	2190,000
37	497,000	2305,000
38	502,000	2450,000
39	314,000	525,000
40	438,000	1725,000

bloc 7

lig	L	M
1	780,000	11000,000
2	780,000	11500,000
3	795,000	11000,000
4	800,000	12000,000
5	810,000	12500,000
6	815,000	12000,000
7	820,000	13000,000

bloc 6

lig	L	M
1	446,000	1544,000
2	473,000	1822,000
3	428,000	1454,000
4	439,000	1571,000
5	446,000	1553,000
6	454,000	1752,000
7	615,000	5600,000
8	625,000	8000,000
9	635,000	7000,000
10	640,000	5500,000
11	650,000	6500,000
12	670,000	9000,000
13	675,000	8000,000
14	690,000	7000,000
15	690,000	7500,000
16	700,000	8500,000
17	710,000	8000,000
18	710,000	8000,000
19	715,000	8000,000
20	715,000	8000,000
21	715,000	8200,000
22	720,000	8500,000
23	720,000	8500,000
24	728,000	8000,000
25	730,000	9000,000
26	730,000	9000,000
27	730,000	9000,000
28	745,000	9000,000
29	745,000	9000,000
30	745,000	10000,000
31	747,000	9500,000
32	750,000	9000,000
33	750,000	9500,000
34	750,000	9500,000
35	750,000	10000,000
36	760,000	10000,000
37	764,000	10000,000
38	765,000	10500,000
39	770,000	9500,000
40	775,000	10000,000