

NATIONAL D'HISTOIRE NATURELLE

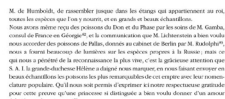
..... history of sciences

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For more distant countries, Pennant,²⁶ in his *Indian Zoology*, described a shark (spade) and a snake (gabre), drawn in Ceylon by Loxen, [Dutch] governor of that island. The natural history of Sumatra by Marsden²⁷ and that of Chile by Molina²⁸ included more fishes but with less precision. Roemer²⁹ published one on America, especially Hudson Bay; Schoepf,³⁰ in the United States; and Pennant,³¹ on the whole Northern Hemisphere.

Some new genera appeared in these publications. In this way Houtenry¹⁰ created the genus *Gontogryllus*, which is the same as *Itano* of Gomonien and Amphicentron of Bloch; Hermann¹¹ described the genus *Stenogryllus*, which is still valid; Scopell¹² tried to distinguish *Cottus juponskii* of Pallas under the name *Perca*, and *Coryphaena retifera* or *Heinickei* of Gomonien under *Parasilurus*; Severintseva¹³ reallocated the species of wrasses (grenibei) with long snouts (Goniopoma) to the genus *Acanthurus*.¹⁴ All these genera have appeared under other names in the works of subsequent writers.

NOT

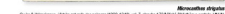
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Chant pour les sciences¹⁰ ?

Il est intéressant de constater que la loi du 10 octobre 1995, relative aux langues régionales d'acquisition, que l'épistémologie de Baudry avait commencée, M. Freyrot et M. Dupuyres¹¹, dans leur ouvrage *autre monde, ont fait recueillir, d'après les instructions qu'il avait reçues au sujet pour la science qui attire le ministère des Universités, les positions des maîtres des lieux qu'il est trop tard, et les ont publiées, en 1996, sous le titre de "Les sciences de la langue" (L'Édition de la langue, 1996, 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024, 2026, 2028, 2030, 2032, 2034, 2036, 2038, 2040, 2042, 2044, 2046, 2048, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2068, 2070, 2072, 2074, 2076, 2078, 2080, 2082, 2084, 2086, 2088, 2090, 2092, 2094, 2096, 2098, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2138, 2140, 2142, 2144, 2146, 2148, 2150, 2152, 2154, 2156, 2158, 2160, 2162, 2164, 2166, 2168, 2170, 2172, 2174, 2176, 2178, 2180, 2182, 2184, 2186, 2188, 2190, 2192, 2194, 2196, 2198, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2214, 2216, 2218, 2220, 2222, 2224, 2226, 2228, 2230, 2232, 2234, 2236, 2238, 2240, 2242, 2244, 2246, 2248, 2250, 2252, 2254, 2256, 2258, 2260, 2262, 2264, 2266, 2268, 2270, 2272, 2274, 2276, 2278, 2280, 2282, 2284, 2286, 2288, 2290, 2292, 2294, 2296, 2298, 2300, 2302, 2304, 2306, 2308, 2310, 2312, 2314, 2316, 2318, 2320, 2322, 2324, 2326, 2328, 2330, 2332, 2334, 2336, 2338, 2340, 2342, 2344, 2346, 2348, 2350, 2352, 2354, 2356, 2358, 2360, 2362, 2364, 2366, 2368, 2370, 2372, 2374, 2376, 2378, 2380, 2382, 2384, 2386, 2388, 2390, 2392, 2394, 2396, 2398, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2454, 2456, 2458, 2460, 2462, 2464, 2466, 2468, 2470, 2472, 2474, 2476, 2478, 2480, 2482, 2484, 2486, 2488, 2490, 2492, 2494, 2496, 2498, 2500, 2502, 2504, 2506, 2508, 2510, 2512, 2514, 2516, 2518, 2520, 2522, 2524, 2526, 2528, 2530, 2532, 2534, 2536, 2538, 2540, 2542, 2544, 2546, 2548, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2568, 2570, 2572, 2574, 2576, 2578, 2580, 2582, 2584, 2586, 2588, 2590, 2592, 2594, 2596, 2598, 2600, 2602, 2604, 2606, 2608, 2610, 2612, 2614, 2616, 2618, 2620, 2622, 2624, 2626, 2628, 2630, 2632, 2634, 2636, 2638, 2640, 2642, 2644, 2646, 2648, 2650, 2652, 2654, 2656, 2658, 2660, 2662, 2664, 2666, 2668, 2670, 2672, 2674, 2676, 2678, 2680, 2682, 2684, 2686, 2688, 2690, 2692, 2694, 2696, 2698, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2714, 2716, 2718, 2720, 2722, 2724, 2726, 2728, 2730, 2732, 2734, 2736, 2738, 2740, 2742, 2744, 2746, 2748, 2750, 2752, 2754, 2756, 2758, 2760, 2762, 2764, 2766, 2768, 2770, 2772, 2774, 2776, 2778, 2780, 2782, 2784, 2786, 2788, 2790, 2792, 2794, 2796, 2798, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2818, 2820, 2822, 2824, 2826, 2828, 2830, 2832, 2834, 2836, 2838, 2840, 2842, 2844, 2846, 2848, 2850, 2852, 2854, 2856, 2858, 2860, 2862, 2864, 2866, 2868, 2870, 2872, 2874, 2876, 2878, 2880, 2882, 2884, 2886, 2888, 2890, 2892, 2894, 2896, 2898, 2900, 2902, 2904, 2906, 2908, 2910, 2912, 2914, 2916, 2918, 2920, 2922, 2924, 2926, 2928, 2930, 2932, 2934, 2936, 2938, 2940, 2942, 2944, 2946, 2948, 2950, 2952, 2954, 2956, 2958, 2960, 2962, 2964, 2966, 2968, 2970, 2972, 2974, 2976, 2978, 2980, 2982, 2984, 2986, 2988, 2990, 2992, 2994, 2996, 2998, 3000, 3002, 3004, 3006, 3008, 3010, 3012, 3014, 3016, 3018, 3020, 3022, 3024, 3026, 3028, 3030, 3032, 3034, 3036, 3038, 3040, 3042, 3044, 3046, 3048, 3050, 3052, 3054, 3056, 3058, 3060, 3062, 3064, 3066, 3068, 3070, 3072, 3074, 3076, 3078, 3080, 3082, 3084, 3086, 3088, 3090, 3092, 3094, 3096, 3098, 3100, 3102, 3104, 3106, 3108, 3110, 3112, 3114, 3116, 3118, 3120, 3122, 3124, 3126, 3128, 3130, 3132, 3134, 3136, 3138, 3140, 3142, 3144, 3146, 3148, 3150, 3152, 3154, 3156, 3158, 3160, 3162, 3164, 3166, 3168, 3170, 3172, 3174, 3176, 3178, 3180, 3182, 3184, 3186, 3188, 3190, 3192, 3194, 3196, 3198, 3200, 3202, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3218, 3220, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3238, 3240, 3242, 3244, 3246, 3248, 3250, 3252, 3254, 3256, 3258, 3260, 3262, 3264, 3266, 3268, 3270, 3272, 3274, 3276, 3278, 3280, 3282, 3284, 3286, 3288, 3290, 3292, 3294, 3296, 3298, 3300, 3302, 3304, 3306,*

Quatre mois, le seul temps qui nous reste à former, c'est que l'ouvrage que nous avons entrepris ne soit point trouvé trop indigne, ni écrits illustes dont nous cherchions à corrompre les travaux, ni des secours et des encouragements que nous avions reçus d'un si grand nombre d'amis et de protecteurs de l'histoire naturelle. Heureux si nous pouvons espérer qu'on nous aura pris parmi ceux qui font époque dans la science. C'est à quel point tendent tous nos efforts.

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OF ICHTHYOLOGY

FROM ITS ORIGINS TO OUR OWN TIME

Georges Cuvier

edited by Theodore W. Pietsch

THE BOOK

A founder of comparative anatomy and a giant of nineteenth-century biology, Georges Cuvier, and his student and colleague Achille Valenciennes, brought together all that was known about fishes in their massive 22-volume *Histoire naturelle des poissons* published from 1828 to 1849. Despite the passage of time, this work represents a landmark in the history of science, indispensable to systematic ichthyology and to comparative biology in general. As an introduction to this monumental work, the first volume traces the development of the study of fishes as then understood—from the earliest beginnings to the first third of the nineteenth-century—and summarizes the criteria for classification that their own work would follow. This critically important essay—one of the first attempts at a comprehensive history of any major group of organisms—now appears in English alongside the original French text, beautifully illustrated and accompanied by rich annotations and commentary, serving to bring this important text to our attention and highlighting its historical significance.

THE EDITOR

Theodore W. **Pietsch** is Professor Emeritus in the School of Aquatic and Fishery Sciences, and Curator Emeritus of Fishes at the Burke Museum of Natural History and Culture, University of Washington. His primary interests are in ichthyology, focusing on the evolutionary history, functional morphology, and reproductive biology of marine fishes, but also in the history of ichthyology and the history of science in general. He is the author of more than twenty books, including *The Curious Death of Peter Artedi: A Mystery in the History of Science*, *Tropical Fishes of the East Indies*, *Oceanic Anglerfishes: Extraordinary Diversity in the Deep-Sea*, and *Charles Plumier (1646-1704) and His Drawings of French and Caribbean Fishes*.

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