

REGION 6

AFRIQUE ORIENTALE

EASTERN AFRICA

Coordinateur

Co-ordinator

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INTRODUCTION

This region is well known for the "Great Lakes", but it also contains a considerable number of less obvious lakes which are extremely varied. Their depths vary from <2 m to >200 m, and their conductivities from 25 to >250 000 $\mu\text{S cm}^{-1}$.

This Bibliography has been subdivided into relatively simple geographical divisions, rather than by "system". The following structure has been adopted:

6.0 Regional references

- 6.1 The Lakes of the Afar, the Ethiopian Rift and the Ethiopian Highlands.
- 6.2 The Gregory Rift and adjacent highlands.
- 6.3 The Central Plateau.
- 6.4 The Western Rift.

This subdivision requires the following notes:

6.1: The Bibliography relating to the shallow lakes of Ethiopia, the Republic of Djibouti and of Somalia has been grouped in order to avoid excessive fragmentation, although it covers very diverse "systems". Despite its depth (266 m), Lake Shala has been included here because of its close connection with the other Galla Lakes.

The topography of the region is dominated by the two great Rifts, the Eastern Rift (Gregory Rift and Ethiopian Rift) and the Western Rift (6.2-6.4).

6.2: The Gregory Rift is occupied by numerous small lakes many of which are highly saline. The larger Lake Turkana is an exception: it has been excluded because of its depth. Lake Rukwa, which occupies an isolated Rift situated north-west of the convergence of the two main rifts, has been included here because in its hydrology and chemistry it resembles the lakes of the Gregory Rift. This sub-region also covers several small lakes in the highland areas to the east of the Gregory Rift.

6.3: Lake Victoria lies on a plateau between the two Great Rifts. While it is difficult to class Lake Victoria as shallow (maximum depth 56 m), the Nyanza (= Winam = Kavirondo) Gulf is connected to the main lake only by a narrow channel and has many characteristics of an independent shallow lake. References concerned primarily with the Nyanza Gulf have, therefore, been included. Section 6.3 also lists references of work on the lakes which lie in the western part of the Lake Victoria catchment area, those south of the Virunga Volcanoes, and for Lake Kyoga on the Nile.

6.4: The Western Rift is, above all, filled by deep rift lakes but, since we are considering shallow lakes, Lakes Mobutu Sese Seko (= Lake Albert), Lake Idi Amin Dada (= Lake Edward), Lake Kivu and Lake Tanganyika have been excluded.

INTRODUCTION

L'Afrique de l'Est est une région bien connue pour ses "grands lacs", mais qui présente également un nombre considérable de lacs de moindre importance, de type extrêmement variés; leur profondeur varie de 2 m à plus de 200 m, et leur conductivité est comprise entre 25 et plus de 250 000 $\mu\text{S cm}^{-1}$.

La bibliographie suivante a été basée sur des divisions géographiques relativement simples plutôt que sur les systèmes. L'organisation suivante a été adoptée:

6.0 Bibliographie régionale.

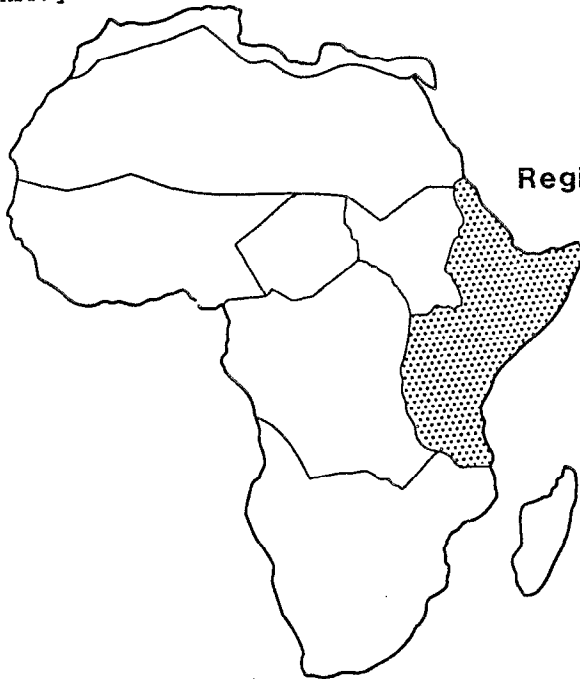
- 6.1 Les lacs de l'Afar, du Rift éthiopien et des hautes régions éthiopiennes.
- 6.2 Le Gregory Rift et les hautes régions adjacentes.
- 6.3 Le plateau central.
- 6.4 Le Rift occidental.

Cette subdivision suscite les remarques suivantes:

- 6.1: La bibliographie relative aux milieux aquatiques peu profonds d'Ethiopie, de la République de Djibouti et de Somalie a été regroupée afin d'éviter une fragmentation excessive, bien qu'elle concerne des systèmes très divers. Malgré sa profondeur de 266 m, le lac Shala a été inclus ici en raison de ses rapports étroits avec les autres lacs Gallas.

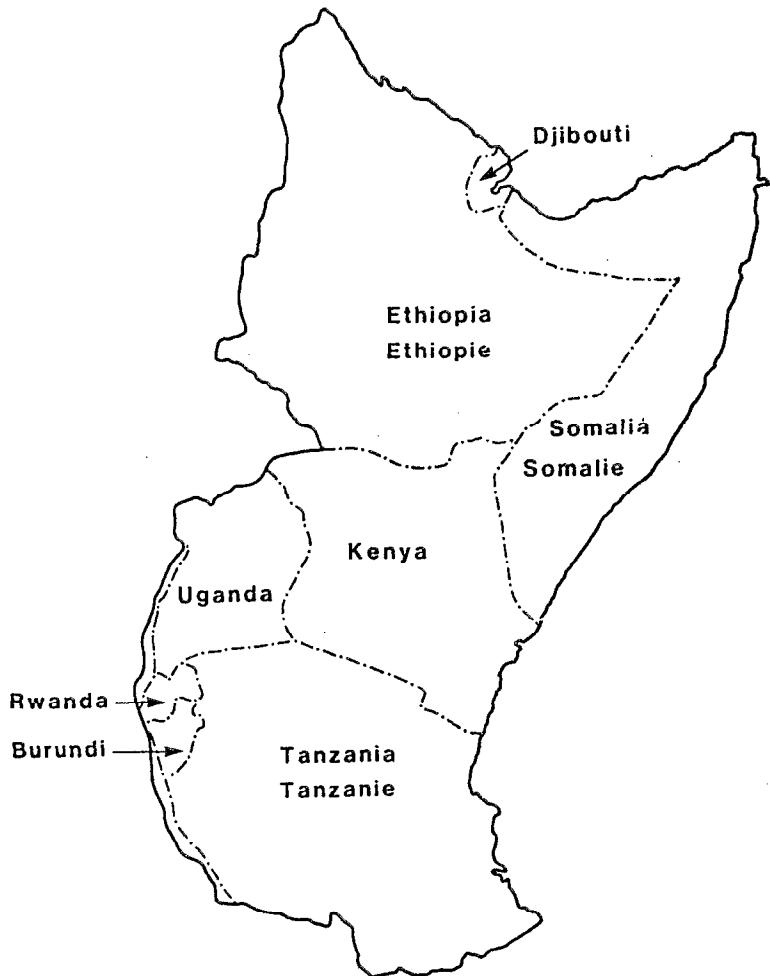
La topographie régionale est principalement déterminée par l'existence des deux grands rifts, le Rift oriental (Gregory Rift et Ethiopian Rift), et le Rift occidental (Western Rift):

- 6.2: Le Rift oriental (Gregory Rift) est occupé par de nombreux petits lacs, beaucoup d'entre eux étant très salés. Le grand lac Turkana est une exception; il a été exclu en raison de sa profondeur. Le lac Rukwa, qui occupe un fossé isolé situé au nord-ouest de la jonction des deux grands rifts, a été classé ici en raison de ses ressemblances hydrologiques et chimiques avec les lacs du Gregory Rift. Cette sous-région inclut également plusieurs petits lacs dans les régions hautes situées à l'Est du rift.
- 6.3: Le lac Victoria s'étend sur un plateau situé entre les deux grands rifts. Le lac Victoria peut difficilement être classé comme un lac peu profond (profondeur maximale: 56 m). Cependant le Golfe de Nyanza (= Kavirondo = Winam) n'est relié au lac principal que par un étroit chenal et présente les principales caractéristiques d'un lac indépendant peu profond. Les références relatives au Golfe de Nyanza ont donc été considérées ici. La section 6.3 inclut par ailleurs les références aux travaux sur les lacs situés dans la région occidentale du bassin versant du lac Victoria et situés au pied des volcans de Virunga, ainsi que le lac Kioga situé sur le Nil.
- 6.4: Le Rift occidental est avant tout le domaine des grands lacs profonds. Ne considérant ici que les milieux peu profonds, les plus vastes d'entre eux (lac Mobutu Sese Seko = lac Albert, lac Idi Amin Dada = lac Edouard, lac Kivu et le lac Tanganyika) sont exclus.



Region 6

East Africa
Afrique orientale



Djibouti

Ethiopia
Ethiopie

Somalia
Somalie

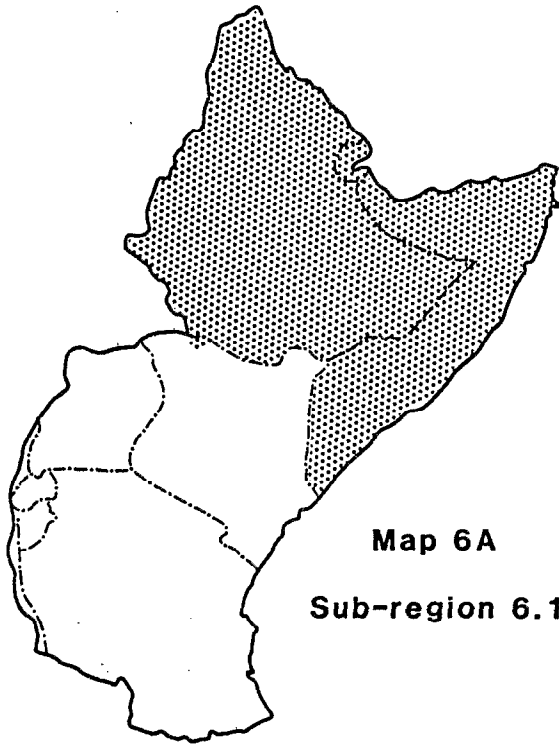
Kenya

Uganda

Rwanda

Burundi

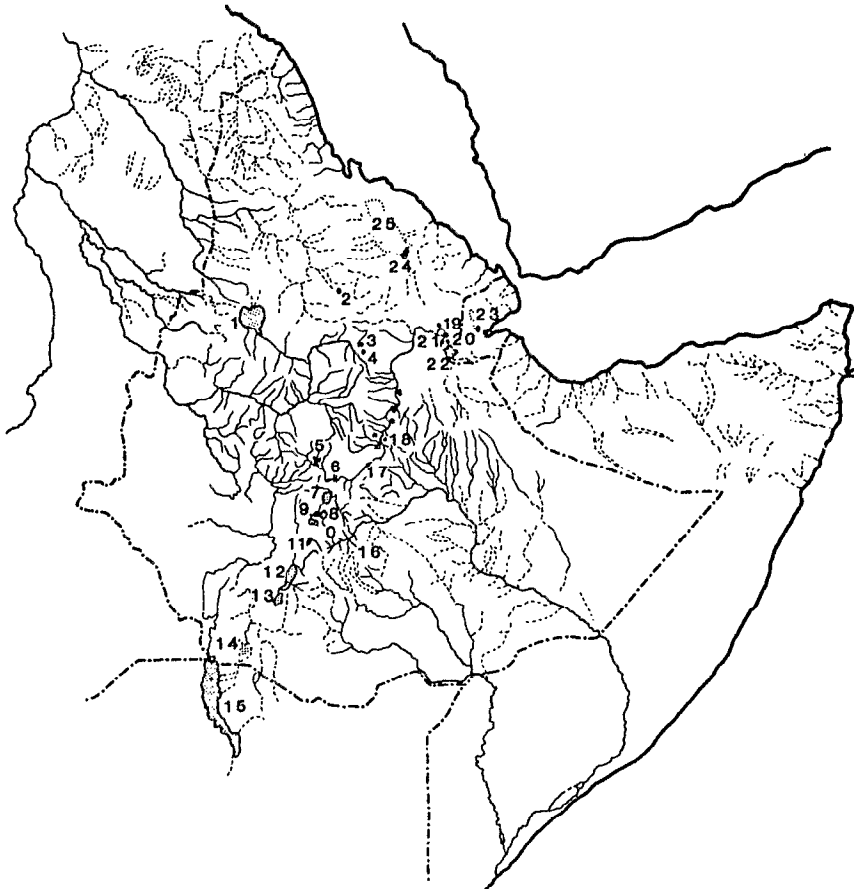
Tanzania
Tanzanie

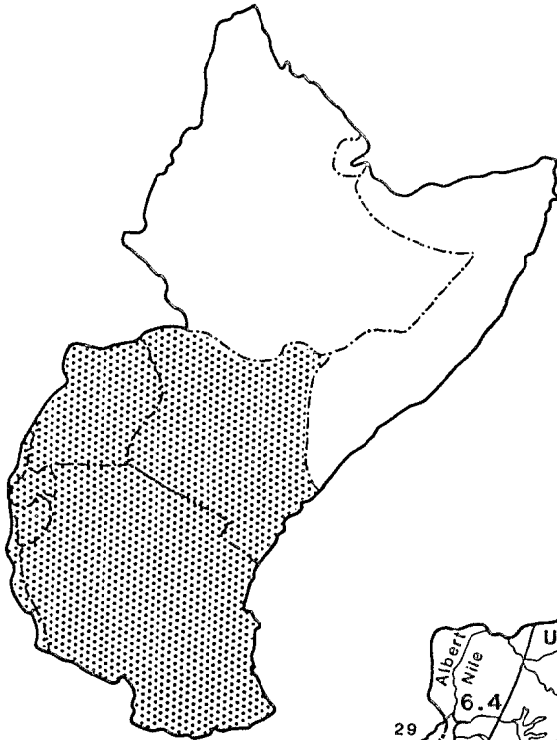


Region 6

Map 6A

Sub-region 6.1

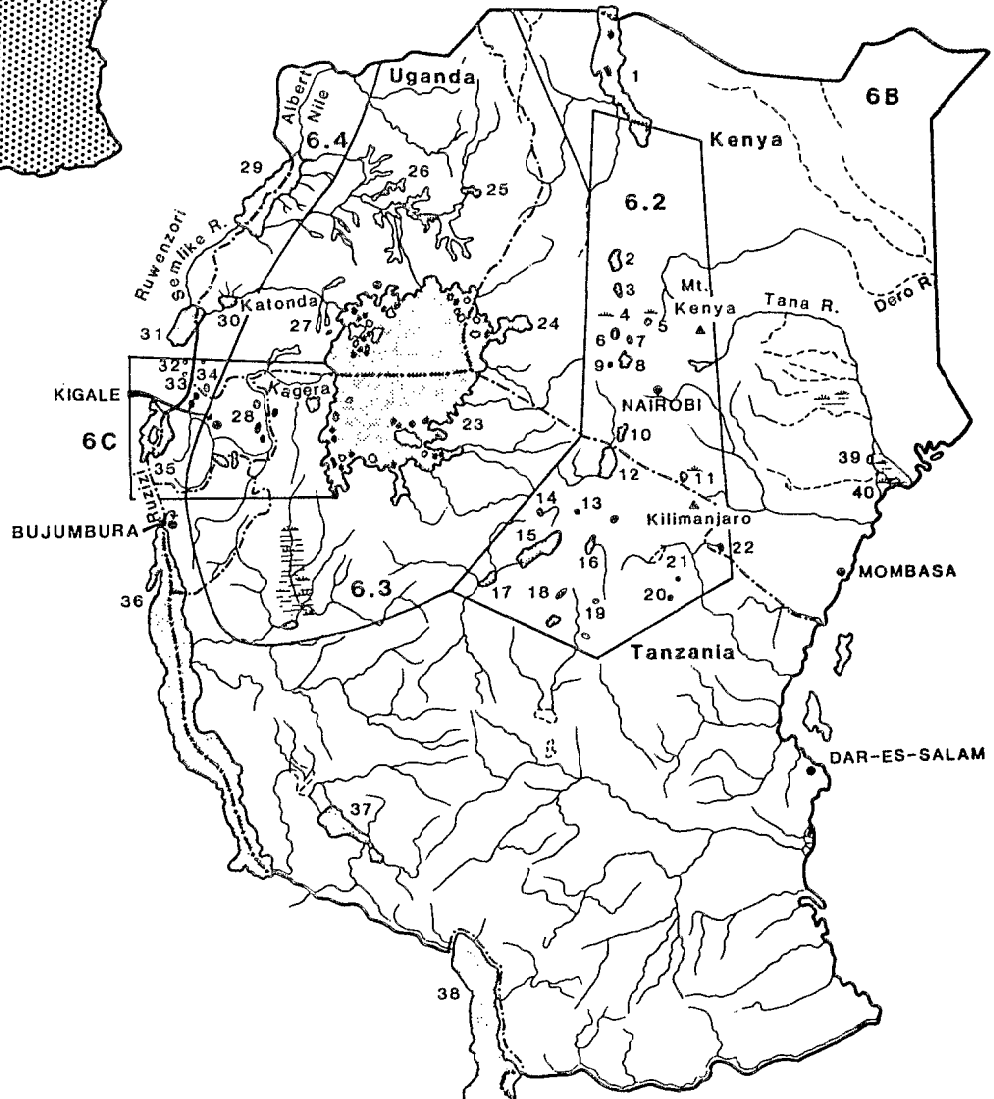


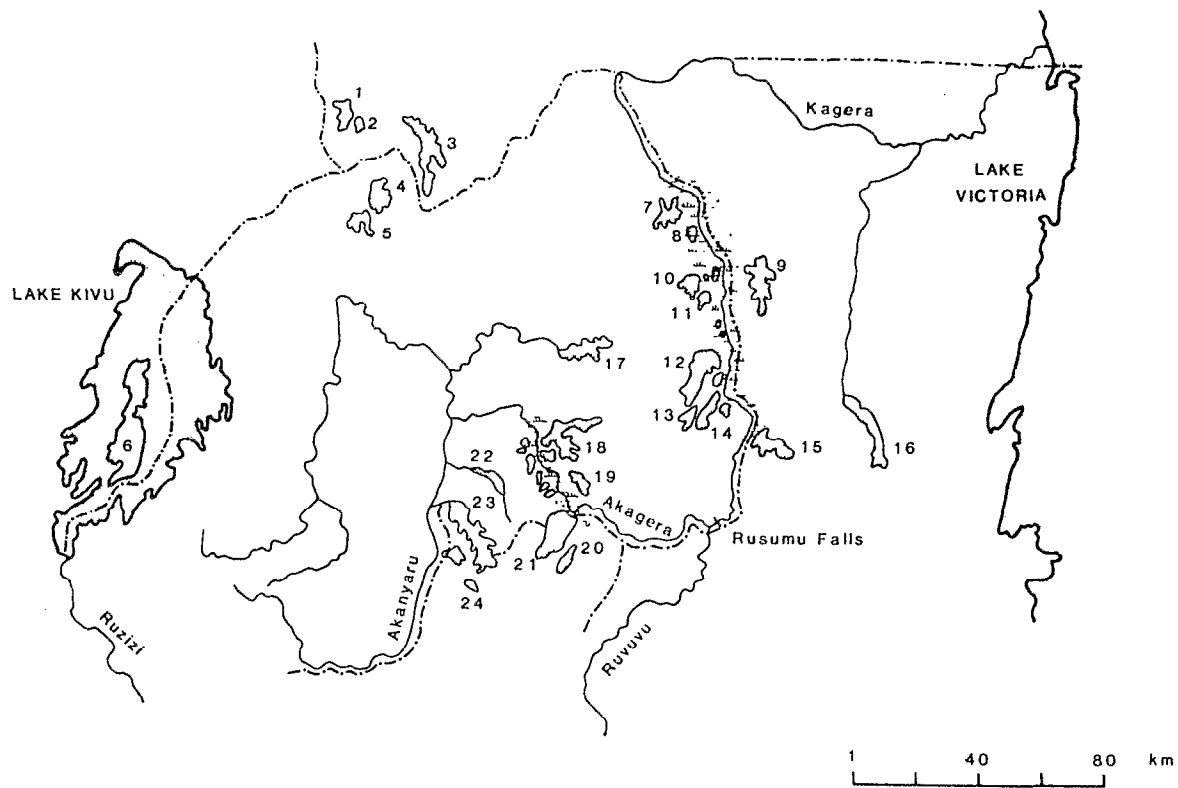
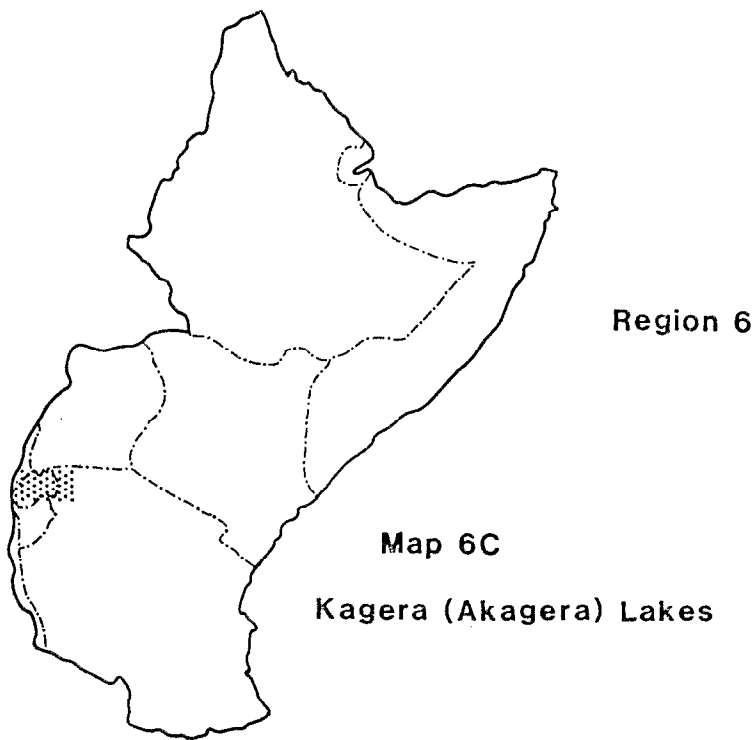


Region 6

Map 6B

Sub-regions 6.2, 6.3 & 6.4





MAP 6A
Sub-region 6.1

Ethiopian Plateau: 1. Lake Tana; 2. Lake Ashanghi; 3. Lake Hayq; 4. Lake Ardiba; 5. Bishoftu Crater lakes

Ethiopian Rift: 6. Lake Koka (reservoir); 7. Lake Ziway; 8. Lake Langano; 9. Lake Abiyata; 10. Lake Shala; 11. Lake Awasa; 12. Lake Abaya; 13. Lake Chamo; 14. Lake Chew Bahir; 15. Lake Turkana

Southeastern Plateau: 16. Mts Bale lakes

Afar: 17. Lake Metahara; 18. Gawani Swamps; 19. Lake Gamari; 20. Lake Afambo; 21. Lake Bario; 22. Lake Abhe; 23. Lake Asal; 24. Lake Afrera; 25. Dallol salt plain

MAP 6B
Sub-regions 6.2, 6.3 & 6.4

6.2 Gregory Rift: 1. Lake Turkana; 2. Lake Baringo; 3. Lake Bogoria; 4. Olobanita swamps; 5. Lake Ol Bolossat and Ol Bolossat swamp; 6. Lake Nakuru; 7. Lake Elmenteita; 8. Lake Naivasha; 9. Sonachi Crater lake; 10. Lake Magadi; 11. Lake Amboseli and Amboseli swamp; 12. Lake Natron; 13. Ngorongoro Crater lake; 14. Lake Lgarya; 15. Lake Eyasi; 16. Lake Manyara; 17. Lake Kitangiri; 18. Lake Balangida; 19. Lake Babati; 20. Balbal Ambussei; 21. Lake Ambussei; 22. Lake Jipe

6.3 Central Plateau: 23. Lake Victoria; 24. Nyanza Gulf; 25. Lake Bisina; 26. Lake Kyoga and Kyoga swamps; 27. Katonga river lakes; 28. Kagera river lakes (see Map 6C)

6.4 Western Rift: 29. Lake Mobutu Sese Seko (Lake Albert); 30. Lake George; 31. Lake Idi Amin (Lake Edward); 32. Lake Mutanda; 33. Lake Mulehe; 34. Lake Bunyoni; 35. Lake Kivu; 36. Lake Tanganyika; 37. Lake Rukwa; 38. Lake Malawi

Coastal: 39. Lake Biliza; 40. River Tana floodplains and swamps

MAP 6C
Kagera (Akagera) Lakes

1. Lake Mutanda; 2. Lake Mulehe; 3. Lake Bunyoni; 4. Lake Bulera; 5. Lake Luhondo; 6. Idjwi Island; 7. Lake Rwanjakizinga; 8. Lake Mihindi; 9. Lake Mujunju; 10. Lake Hayo; 11. Lake Kivumba; 12. Lake Thema; 13. Lake Nasho; 14. Lake Rwehikama; 15. Lake Bisongo; 16. Lake Burigi; 17. Lake Muhazi; 18. Lake Mugesera; 19. Lake Sake; 20. Lake Kanzigiri; 21. Lake Rugwero; 22. Lake Cyohoha North; 23. Lake Cyohoha South; 24. Lake Lirwihinda

6.0: REGIONAL REFERENCES/BIBLIOGRAPHIE REGIONALE

PUBLISHED WORKS/TRAVEAUX REALISES

General/Divers

Brown 1974; Bugenyi 1980; Kenya Government 1970; Leakey 1931; Livingstone & Melack 1981; Marlier 1962; Mavuti 1980; Okemwa 1980; Speke 1864; Welcomme 1971; Worthington 1932a,b; Worthington & Worthington 1933.

Geology/Géologie

Adamson et al. 1980; Bishop 1978; Gasse & Tekaiia 1982; Gregory 1921; Livingstone 1975; Nilsson 1932, 1940, 1963; Ramberg & Neumann 1978; Yuretich 1982.

Hydrology/Hydrologie

Obasi & Kiangi 1973; Tomlinson 1970; Uganda Protectorate 1951; Uganda Water Development Dept 1969; Woodhead 1968.

Climate/Climat

East African Meteorological Dept 1962; Griffiths 1958, 1961a,b; Hamilton 1982; Jameson & McCallum 1970; Livingstone 1975; Manning 1956; Nilsson 1940; Nyenzi 1980a,b; Rhode & Virji 1976; Street & Grove 1976.

Physico-chemistry/Physicochimie

Burke 1963; Gaudet 1977; Kalff 1983; Kilham 1971; Kilham & Hecky 1973; LaBarbera & Kilham 1974; McIntyre 1981; Talling 1957, 1962; Talling & Talling 1965; Visser 1974; Visser & Villeneuve 1975.

Palaeolimnology/Paléolimnologie

Butzer et al. 1972; Gasse & Tekaiia 1982; Livingstone 1975; Nilsson 1932, 1963; Yuretich 1982.

Macrophytes

Beadle & Lind 1960; Gaudet 1977; Keay 1959; Moore 1980; Vesey-Fitzgerald 1963.

Algae/Algues

Gasse et al. 1983; Lenzenweger 1980; Melack 1976, 1979; Richardson et al. 1978; Talling 1957, 1962.

Invertebrates/Invertébrés

Brown et al. 1981; LaBarbera & Kilham 1974; Mandahl-Barth 1954.

Fish/Poissons

Bernacšek 1980; Copley 1958; Greenwood 1958; Matthes 1975; Trewavas 1933, 1983.

Fisheries/Pêcheries

Beauchamp 1954, 1955; Butcher & Colaris 1975; East African Freshwater Fisheries Research Organisation 1967; FAO/UN Dept Fisheries 1973; FAO/UN 1971, 1979; Hyholm & Whiting 1975; Mann 1969; Kegier et al. 1971; Rhodes 1956; Uganda Protectorate 1934-1940, 1951, 1952-1958; Worthington 1932c.

Aves

Bell-Cross 1974; Cott 1952; Mackworth-Praed & Grant 1952; Uganda Protectorate 1934-1940, 1952-1958.

Vertebrata

Uganda Protectorate 1934-1940, 1951, 1952-1958.

Pollution

Alabaster 1981; FAO/UN 1971; Thorslund 1971.

Human Health/Santé

Brown et al. 1981.

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6.1: ETHIOPIE, ET REPUBLIQUE DE DJIBOUTI
6.1: ETHIOPIA AND REPUBLIC OF DJIBOUTI

TRAVAUX REALISES/PUBLISHED WORKS

Divers/General

Beckingham & Huntingford 1954; Blundell 1906; Bolton 1969; Brunelli 1939; Brunelli & Cannicci 1938; Brunelli et al. 1941; Cheesman 1935, 1936; Duchesne-Fournet 1909; Dupuis 1936; Grabham & Black 1925; McKerchar & Douglas 1974; Morandini 1940, 1942a,b; Neumann 1901, 1902; Omer-Cooper 1930; Pardi 1976; Parenzan 1937a, 1938a; Riedel 1961, 1962b; Rzóska 1976; Vatova 1938, 1940; Wenner 1967, 1970, 1973a,b; Werdecker 1962; Zavattari 1941, 1942.

Céologie/Geology

Bacci 1940; Barberi et al. 1975; Bentor 1967; Besairie 1949; Bini 1938; Brown 1973b; Butzer 1971, 1976; Butzer et al. 1969; Castracane 1889; Dainelli 1943; Di Paola 1972; Fontes et al. 1973; Gèze 1974, 1975; Mohr 1961, 1966, 1971; Smeds 1964; Venzo 1971.

Géomorphologie/Geomorphology

Mesfin Wolde-Mariam 1972.

Pédologie/Pedology

Raunet 1978a,b; Riche & Segalen 1969.

Climatologie/Climatology

Besairie 1949; Bethke 1976; Dosseur 1977; Dugdale 1964; Fantoli 1966; Griffiths 1972a,b; Kingham 1975; Lapeyre 1939; Makin et al. 1975, 1976; Mesfin Wolde-Mariam 1972; Morandini 1940; Raunet 1978a,b; Street 1979, 1980; Street-Perrott 1982; Suzuki 1967; United Nations/FAO 1965; Wood & Lovett 1974; Wood et al. 1976.

Hydrologie/Hydrology

Bauduin & Dubreuil 1973; Butzer 1976; Demange et al. 1971; Dosseur 1977; Fantoli 1966; Fontes et al. 1979; Gentilini 1936; Italconsult 1970; McKerchar & Douglas 1974; Makin et al. 1975, 1976; Perrott 1981; Street 1980; Street-Perrott 1982; Talling & Rzóska 1967; United Nations/FAO 1965; United Nations/UNDP 1973; Vatova 1938, 1940, 1941a,b; Venzo 1971; Wenner 1967, 1970, 1973a,b.

Paléolimnologie/Palaeolimnology

Descourtieux-Coqueugniot 1979; Fontes & Pouchan 1975; Forti 1910, 1932; Gasse 1974a,b,c, 1975, 1976, 1977a,b, 1978, 1980; Gasse & Delivras 1977; Gasse & Descourtieux 1979; Gasse et al. 1974, 1980; Gasse & Stieltjes 1973; Gasse & Street 1978a,b; Gasse & Tekaia 1979; Grove & Dekker 1976; Grove & Goudie 1971a,b; Grove et al. 1975; Kuls & Semmel 1965; Lézine 1981, 1982; Lézine & Bonnefille 1982; Löffler 1979; Minucci 1938; Nilsson 1936, 1940; Perrott 1981; Semmel 1971; Smeds 1964; Street 1979, 1980, 1981; Street & Grove 1976; Taieb 1974; Van Damme & Gautier 1972; Williams et al. 1977, 1981.

Physicochimie/Physico-chemistry

Baumann et al. 1975; Baxter & Golobitsch 1970, 1981; Baxter et al. 1965; Baxter & Urban 1970; Baxter & Wood 1965; Bentor 1967; Bini 1938, 1940a,b; De Filippis 1940; Demange et al. 1971; Fontes et al. 1979; Gasse 1975; Löffler 1979; Loffredo 1940; Loffredo & Maldura 1941; Makin et al. 1975, 1976; Martini 1969; Morandini 1938, 1940, 1941, 1942a, 1947; Perrott 1981; Pitwell 1967, 1972; Prosser et al. 1968; Rzóska 1976; Talling 1965, 1976; Talling et al. 1973; Talling & Rzóska 1967; United Nations/FAO 1965; United Nations/UNDP 1973; Wood 1968; Wood & Prosser 1979, 1981; Wood et al. 1969, 1976.

Bacteria

Brisou et al. 1974.

Algues/Algae

Baxter & Golobitsch 1981; Baxter et al. 1965; Baxter & Wood 1965; Brisou et al. 1974; Brunelli & Cannicci 1939, 1940, 1941; Brunelli et al. 1941; Cannicci & Almagia 1947; Castracane 1889; Descourtieux-Coqueugniot 1979; De Toni 1892; Forti 1910, 1932; Frenguelli 1929; Gasse 1974a,b,c, 1975, 1976, 1977a,b, 1978, 1980; Gasse & Descourtieux 1979; Gasse et al. 1974, 1980; Gasse & Street 1978a,b; Gasse & Tekaia 1979; Rzóska 1976; Talling 1965; Talling & Rzóska 1967; Talling et al. 1973; Wood 1968; Wood & Prosser 1981; Zanon 1942.

Macrophytes

Bolton 1969; Brunelli & Cannicci 1940; Dugdale 1964; Lézine 1981; Makin et al. 1976; Martelli 1886; Picchi-Sermoli 1957; Raunet 1978a,b.

Invertébrés/Invertebrates

Ayad 1956; Bacci 1940, 1941, 1951; Bourguignat 1883; Brinck 1955; Brown 1961, 1964, 1965, 1973a,b, 1980; Brown & Lemma 1970; Brown & Wright 1972; Brunelli & Cannicci 1940; Bryce 1931; Burch 1967; Carfi 1974; Connolly 1928; Consiglio 1978; Daday Von 1910; Dussart 1974; Ferrara & Lanza 1978; Ferrara & Monod 1972; Fittkau 1980; Germain 1904; Giovannola 1937, 1939; Goll 1982; Goll & Aweitu 1974a,b; Goll & Scott 1978; Huang 1979; Kloos et al. 1978; Lanza 1966; Lanza et al. 1966; Löffler 1977; Lowndes 1930, 1932; Mandahl-Barth 1957; Martens 1869; Mekuria et al. 1978; Meskal 1970; Messana et al. 1974; Morelet 1872; Neuville & Anthony 1905, 1908; Omer-Cooper 1930; Parent 1934; Piersanti 1940, 1941; Pinhey 1981; Pollonera 1888, 1898; Rodhain et al. 1977a,b,c; Ruffo 1970; Sciacchitano 1967; Thiele 1933; Van Damme & Gautier 1972; Wodajo & Belay 1984; Wright & Brown 1962; Wurzinger 1979.

Poissons/Fish

Banister 1973; Bianchi 1975, 1978a,b; Bianchi et al. 1978; Bini 1940b; Boulenger 1902; Brunelli 1939, 1940a,b; Brunelli & Cannicci 1938, 1940; Brunelli et al. 1941; Ercolini & Berti 1975, 1977, 1978; Funaiol & Roncati 1964; Morandini 1942a,b; Omer-Cooper 1930; Parenzan 1937a,b, 1938b, 1941b; Pellegrin 1905; Riedel 1962a,b; Tedla 1973; Zolezzi 1940, 1941a,b.

Pêcheries/Fisheries

Hamblyn 1965; Meskal 1974; Parenzan 1938a, 1941a; Redda 1959.

Amphibia

Largen et al. 1978; Meskal 1970; Omer-Cooper 1930; Scortecci 1933.

Aves

Baxter & Urban 1970; Brown & Urban 1969; Brunelli et al. 1941; Kahl 1971; Löffler 1977; Urban 1970; Urban & Brown 1971; Urban & Jefford 1977.

Santé/Human Health

Ayad 1956; Brown 1980; Brown & Lemma 1970; Burch 1967; Giovannola 1937, 1939; Goll 1982; Goll & Scott 1978; Kloos et al. 1978; Mandahl-Barth 1957; Mekuria et al. 1978; Rodhain et al. 1977a,b,c; Schaller & Kuls 1972.

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6.2: THE GREGORY RIFT AND ADJACENT HIGHLANDS
6.2: LE GREGORY RIFT ET LES HAUTES REGIONS ADJACENTES

PUBLISHED WORKS/TRAVEAUX REALISES

General/Divers

Beadle 1932a,b; Copely 1948; Fuchs 1939; Gunn 1954; Jaeger 1911; Jenkin 1929, 1932, 1936; Makerere Univ. Expedition 1961; Milbrink 1977a,b; Mwalyosi 1981; Nutt 1896; Pielou 1952; Richardson 1964; Tobias 1971; Vareschi et al. 1981.

Geology/Géologie

Baker 1958; Bishop 1975; Coryndon 1975; Eugster 1967, 1970, 1980; Eugster & Hardie 1978; Fuchs 1950; Greenwood 1957; Gubelin 1974, 1976; Guest & Stevens 1951; Hecky 1971, 1977; Issac et al. 1972; Keller et al. 1975; Kondakov & Mushi 1974; Livingstone & Kendall 1969; McCall 1957, 1967; Owen 1981; Richardson 1964, 1966; Thompson & Dodson 1963; Tiercelin 1981; Tiercelin & Le Fournier 1980; Tiercelin et al. 1980, 1981; Washbourn 1967; Washbourn-Kamau 1970, 1971, 1972; Young & Renaut 1979.

Geomorphology/Géomorphologie

Banister & Clarke 1980; White 1953.

Hydrology/Hydrologie

Brind et al. 1958; Gaudet 1977; Gaudet & Melack 1981; Kenya Ministry of Works (Hydrology) 1958, 1964; McCall 1957; Nimira 1976; Sikes 1936; Vincent et al. 1979; Washbourn-Kamau 1971, 1972; White 1953.

Climate/Climat

Deevey 1953; Griffiths & Gwynne 1962; Gunn 1973; Richardson & Richardson 1972; Vincent et al. 1979; Washbourn 1967; White 1953.

Palaeolimnology/Paléolimnologie

Bishop 1975; Chapman & Brook 1975; Deevey 1953; Hecky, 1971; Holdship 1976; Richardson 1968; Richardson & Richardson 1972; Washbourn 1967; Washbourn-Kamau 1970, 1971, 1972.

Geochemistry/Géochimie

Herbin 1980; Jones et al. 1976.

Physico-chemistry/Physicochimie

Beadle 1932a,b; Beauchamp 1953; Coe 1967; East African Freshwater Fisheries Research Organisation 1954-1973, 1976; Eddy et al. 1981; Eugster 1967, 1970, 1980; Eugster & Hardie 1978; Eugster & Jones 1968; Gaudet 1975, 1977, 1978b, 1979; Gaudet & Melack 1981; Gaudet & Muthuri 1981a,b; Hecky 1977; Hecky & Kilham 1973; Herbin 1980; Jenkin 1929; Jones et al. 1976; Kalff 1983; Kilham 1982; Limnological investigation of lakes in Kenya 1976-1977; Lind 1965a; McIntyre & Melack 1982; Mann 1964a,b; Melack 1979b, 1981, 1982; Melack & Kilham 1974; Melack et al. 1982; Ministry of Water Development 1978; Pappe & Richmond 1971; Peters & McIntyre 1976; Reite et al. 1974; Stevens 1932; Stoffers & Holdship 1976; Surdam & Eugster 1976; Talling 1957; Vareschi 1982; Vareschi et al. 1981.

Bacteria

Bauld 1981; Grant et al. 1979; Kilham 1981; Sileo et al. 1979; Tindall 1980; Tindall et al. 1980

Algae/Algues

Evans 1960; Hecky & Kilham 1973; Heimpel 1978; Kallqvist & Meadows 1978; Lind 1965a,b; Melack 1979a,b, 1981, 1982; Melack & Kilham 1974; Melack et al. 1982; Milbrink 1977a; Rich 1932; Richardson 1968, 1969; Talling 1957, 1965; Tuite 1981; Vareschi 1978, 1979, 1982.

Macrophytes

Albrecht 1964; Beadle 1932a,b; Blacklund 1956; Gaudet 1975, 1976, 1977, 1978a,b, 1979; Greenway & Vesey-Fitzgerald 1969, 1972; Hiscock 1970; Kutilek 1974; L.N.S.C. Report 1970; Mwalyosi 1977a, 1983; Vesey-Fitzgerald 1965, 1973.

Invertebrates/Invertébrés

Beauchamp 1932; Cox & Young 1973; East African Freshwater Fisheries Research Organisation 1954-1973, 1976; Green 1967, 1971; Greichus et al. 1978; Gunn 1954; Hutchinson 1932; Jenkin 1934; Jones & Khalil 1980; Kallqvist & Meadows 1978; Khamala 1975; Lindqvist & Mikkola 1979; Lowery & Mendes 1977a,b; Lowndes 1933, 1936; Mavuti 1975, 1983; Mavuti & Litterick 1981; Mikkola 1978; Njogu & Kinoti 1971; Nogrady 1983; Parker 1974; Pejler 1974; Vareschi & Jacobs 1984; Vareschi & Vareschi 1984; Worthington & Ricardo 1936b; Young 1976.

Fish/Poissons

Banister & Clarke 1980; Coe 1966, 1967, 1969; East African Freshwater Fisheries Research Organisation 1954-1973, 1976; Eddy et al. 1981; Elder 1966; Elder & Garrod 1961; Elder et al. 1971; Greenwood 1957; Greichus et al. 1978; Hyder 1970; Lowe-McConnell 1955; Malvestuto 1974, 1975; Mann 1971; Mann & Ssentongo 1969; Okorie 1975; Reite et al. 1974; Ricardo 1939a,b; Siddiqui 1977a,b, 1979a,b; Ssentongo 1974; Vareschi 1979; Vareschi et al. 1981; Vareschi & Vareschi 1984; Worthington & Ricardo 1936a.

Fisheries/Pêcheries

East African Freshwater Fisheries Research Organisation 1954-1973, 1976; Garrod & Elder 1960; Malvestuto 1974; Mann 1964a,b, 1965; Nhwani 1973; Okaronen 1975; Okorie 1972a,b, 1975; Okorie & Ssentongo 1971; Siddiqui 1977a; Ssentongo 1972, 1974; Ssentongo & Okorie 1971; Swynnerton 1939, 1947.

Amphibia/Reptilia

Welman & Worthington 1943.

Aves

Bartholomew & Pennycuick 1973; Berg & Schlosser 1979; Brown 1958, 1971a,b; Brown & Hopcraft 1973; Brown et al. 1973; Cooper et al. 1975; Immelmann 1969; Jones & Khalil 1980; Lundberg & Tallmark 1973; Milbrink 1977b; Morgan-Davies 1960; Peterson 1970; Keynolds 1977; Ridley & Percy 1953; Sileo et al. 1978, 1979; Stroh 1959; Tuite 1979; Vareschi 1978; Vesey-Fitzgerald 1954, 1965; Watson et al. 1970.

Mammalia

Gosling 1976; Kilham 1982; Kutilek 1974; Mwalyosi 1977b, 1981, 1983; Rogers 1978, 1982; Vesey-Fitzgerald 1965, 1969; Watson & Turner 1965.

Pollution

Brown 1971a; Brown & Hopcraft 1973; Greichus et al. 1978; Kallqvist & Meadows 1978; Koeman et al. 1972; Limnological investigation of lakes in Kenya 1976-1977; Lincer et al. 1981; Ministry of Water Development 1978.

Conservation

Mikkola 1978; Milbrink 1977b; Myers 1974; Nakuru update 1977; Nhwani 1973; Okorie 1972a,b; Rogers 1978; Vesey-Fitzgerald 1969.

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6.3: THE CENTRAL PLATEAU/LE PLATEAU CENTRAL

PUBLISHED WORKS/TRAVAUX REALISES

General/Divers

Beadle 1932a,b, 1968; Damas 1953, 1955a; Jørgensen 1979; Kendall 1969; Kiss 1976, 1977a; United Nations 1978; Worthington 1929a.

Geology/Géologie

Cahen & Lepersonne 1951, 1967; Doornkamp & Temple 1966; Gerards et al. 1967; Kendall 1969; Saggerson 1952; Shackleton 1951; Temple 1969a,b.

Geomorphology/Géomorphologie

Damas 1954a; Sirven et al. 1974.

Pedology/Pédologie

Neel 1967, 1968; Van Vambeke 1961.

Climate/Climat

Huxley & Turk 1963; Hydrometeorological Survey 1974, 1982; Kite 1981; Krishnamurthy & Ibrahim 1973; Marten & Guluka 1974; Rwanda, Division Climatologique 1976, 1977; Temple 1966.

Hydrology/Hydrologie

Bodeux 1972; Brooks 1925; Devroey 1951; Doornkamp & Temple 1966; East African Freshwater Fisheries Research Organisation 1959; Hydrometeorological Survey 1974, 1982; Jørgensen 1979; Kiss 1976; Kite 1981; Krishnamurthy & Ibrahim 1973; Temple 1966.

Palaeolimnology/Paléolimnologie

Kendall 1969.

Physico-chemistry/Physicochimie

Beadle 1932b; Calder 1959; Carter 1959; Damas 1953, 1954b; East African Freshwater Fisheries Research Organisation 1954, 1955, 1976; Graham 1929; Melack 1979; Michel & Reed 1955; Symoens 1968; Talling 1957, 1965; Wasawo 1963; Wasawo & Visser 1959.

Bacteria

Lemmermann 1911.

Algae/Algues

Evans 1960, 1962; Lemmermann 1911; Melack 1979; Talling 1965.

Macrophytes

Beadle 1932a,b; Carter 1955; Deuse 1963; Lewalle 1972; Lind & Visser 1962; Michel & Reed 1955; Thompson 1976; Wasawo 1963; Wasawo & Visser 1959.

Invertebrates/Invertébrés

Barker 1967; Benda 1979b; Bouillon & Semal-Van Gansen 1956; Chardez 1975; Daday 1907; Damas 1955b, 1956; East African Freshwater Fisheries Research Organisation 1951, 1954; Gillard 1959; Green 1967, 1971; Kiss 1960; Kuiper 1966; Pain 1961; Roth-Woltereck 1942; Rzóska 1956, 1975; Sciacchitano 1957; Thomas 1961; Van Den Berghe 1939; Verheye & Dumont 1984; Wasawo & Visser 1959; Wiebach 1964.

Fish/Poissons

Achten 1981; Albaret 1979; Benda 1979b; David 1937; Depasse 1956; Deuthwaite 1976; East African Freshwater Fisheries Research Organisation 1951-1974, 1976; Fryer 1973a, 1984; Garrod 1958, 1959; Gee 1964, 1965, 1966, 1969; Greenwood 1959, 1965, 1980; Jackson 1971; Karangwa 1981; Kiss 1977b; Kudhongania & Cordone 1974; Lowe-McConnell 1956a,b, 1958; Mahy 1977b,c, 1979a; Matthes 1962; Okemwa 1981; Regan 1929; Rinne 1974; Kinne & Wanjala 1982; Stoneman et al. 1973; Temple 1969a; Twongo & Ogutu-Ohwayo 1979; Wanjala 1978; Welcomme 1966, 1970; Worthington 1929a,b, 1973.

Fisheries/Pêcheries

Aubray 1976; Beauchamp 1955; Benda 1979a, 1981; Bergstrand & Cordone 1970, 1971; Beverton 1959; Blin 1977; Copley 1953; Cordone & Kudhongania 1970, 1972; Depasse 1956; Dunn 1974; East African Freshwater Fisheries Research Organisation 1951-1974, 1976; FAO/UN 1970; Fryer 1973a,b; Garrod 1957, 1960a,b, 1961; Gee 1964, 1965, 1966; Graham 1929; Halain 1952; Hamblyn 1960; Hoffman et al. 1974; Jackson 1971; Karangwa 1979, 1980, 1981, 1982; Karuhanga 1974; Kiss 1977b; Kudhongania 1973; Kudhongania & Cordone 1974; Lake Victoria Fisheries Service 1950-1960; Mahy 1977a, 1979a,b,c; Mann 1970; Marten 1975, 1979; Marten & Guluka 1974; Marten et al. 1976; Muller & Benda 1981; Muller et al. 1982; Ndengejemo 1980; Okaronen 1975a,b; Okedi et al. 1975; Okemwa 1984; Okorie 1971; Okorie & Ssentongo 1971; Proud 1963; Reizer 1975; Rinne 1974; Rwanda Ministère Agriculture et Elevage 1977, 1979; Rwanda, Service Eaux et Forêts 1959; Ssentongo & Okorie 1971; Stoneman et al. 1973; Twongo & Ogutu-Ohwayo 1979; Wanjala & Marten 1974; Weatherall 1972; Welcomme 1966; Whiting 1969; Worthington 1929c,d, 1973.

Amphibia/Reptilia

Cott 1953; Laurent 1943, 1946, 1960; Parker & Watson 1969, 1970; Stoneman 1969; Welman & Worthington 1943.

Aves

Britton 1978; Brown 1960; Deuthwaite 1976; Parsons 1977; Schouteden 1938.

Conservation

Benda 1981; Bergstrand & Cordone 1970, 1971; Beverton 1959; Fryer 1972, 1973a,b, 1984; Karuhanga 1974; Mahy 1979b; Marten et al. 1976; Meadows 1980; Okorie 1971; Proud 1963; Ssentongo & Okorie 1971; Stonemen et al. 1973; Weatherall 1972; Worthington 1973.

Economics

I.B.R.D. 1976; Okidi 1982; SCET Coopération Marais Rugezi et Kamiranzoun 1976.

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6.4: THE WESTERN RIFT/LE RIFT OCCIDENTAL

PUBLISHED WORKS/TRAVAUX REALISES

General/Divers

Burgis 1978; Burgis & Dunn 1978; Dunn et al. 1969; Greenwood 1976; Greenwood & Lund 1973; Wayland 1934.

Geology/Géologie

Bishop 1970; Bishop & Trendall 1967; Combe & Simmons 1933; Doornkamp & Temple 1966; Holmes & Harwood 1932.

Geomorphology/Géomorphologie

Doornkamp & Temple 1966; Viner & Smith 1973.

Climate/Climat

Viner & Smith 1973.

Hydrology/Hydrologie

Doornkamp & Temple 1966; Viner 1975e; Viner & Smith 1973.

Physico-chemistry/Physicochimie

Arad & Morton 1969; Beadle 1932; Beauchamp 1953; Blažka 1976; Bugenyi 1979; Burgis 1970; East African Freshwater Fisheries Research Organisation 1952-1955; Ganf 1974a,b,c, 1975; Ganf & Blažka 1974; Ganf & Horne 1975; Ganf & Viner 1973; Golterman 1971; Hecky & Kilham 1973; Horne & Viner 1971; Kilham & Melack 1972; Levring & Fish 1956; Melack 1978; Melack & Kilham 1972; Viner 1969, 1970, 1973, 1975a,b,c,d,e, 1977a,b; Viner & Smith 1973; Visser 1962.

Palaeolimnology/Paléolimnologie

Haworth 1977.

Algae/Algues

Burgis et al. 1973; Ganf 1969, 1972, 1974a,b,c,d, 1975; Ganf & Blažka 1974; Ganf & Horne 1975; Ganf & Viner 1973; Golterman 1971; Haworth 1977; Hecky & Kilham 1973; Horne & Viner 1971; Levring & Fish 1956; Moriarty C M 1973; Moriarty C M & Moriarty D J W 1973; Moriarty D J W 1973; Moriarty D J W & Moriarty C M 1973; Moriarty et al. 1973; Richardson 1968, 1969; Viner 1973, 1977.

Macrophytes

Carter 1955; Edroma 1974; Lind 1956; Lock 1967, 1973, 1977; Thompson 1973; Visser 1962.

Invertebrates/Invertébrés

Blažka 1976; Burgis 1969, 1970, 1971, 1973, 1974; Burgis et al. 1973; Burgis & Walker 1971; Darlington 1977; East African Freshwater Fisheries Research Organisation 1951-1955; Ganf & Blažka 1974; Green 1967, 1971, 1976; McGowan 1972, 1973, 1974, 1975; Moriarty et al. 1973; Paperna 1973; Paperna & Thurston 1968, 1969; Pejler 1974; Thurston 1969, 1970; Young 1976.

Fish/Poissons

Burgis et al. 1973; Dunn 1972, 1975; East African Freshwater Fisheries Research Organisation 1951-1955; Fish 1955; Galis & Smit 1979; Greenwood 1973, 1980; Gwahaba 1973a,b, 1975, 1978; Lowe-McConnell 1958; Moriarty C M 1973; Moriarty C M & Moriarty D J W 1973; Moriarty D J W 1973; Moriarty D J W & Moriarty C M 1973; Moriarty et al. 1973; Paperna 1973; Paperna & Thurston 1968, 1969; Thurston 1970.

Fisheries/Pêcheries

Dunn 1973; East African Freshwater Fisheries Research Organisation 1951-1955; Fry & Kimsey 1959; Gwahaba 1973b.

Amphibia

Tinsley 1973.

Aves

Din & Eltringham 1970, 1974a,b, 1976, 1977; East African Freshwater Fisheries Research Organisation 1951-1955; Eltringham 1975.

Pollution

Barrett 1972; Bugenyi 1979, 1982; Edroma 1974; Origa *et al.* 1973.

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