

Structure for database: C:\DBASE\ESA\ESA.DBF

Number of data records: 108

Date of last update : 95/03/31

Field	Field Name	Type	Width	Dec	Index
1	NAME	Character	40		Y
2	SITEID	Character	3		Y
3	CATEGORY1	Character	10		N
4	CATEGORY2	Character	10		N
5	CATEGORY3	Character	10		N
6	CRITERION1	Character	2		N
7	CRITERION2	Character	2		N
8	CRITERION3	Character	2		N
9	PARISH	Character	14		Y
10	COUNTY	Character	1		Y
11	REGION	Character	2		N
12	LOCATION	Memo	10		N
13	DESCRIP	Memo	10		N
14	NTS	Character	7		Y
15	NTSZONE	Character	2		N
16	NAD	Character	4		N
17	UTME	Character	6		N
18	UTMN	Character	7		N
19	LAT	Character	4		N
20	LONG	Character	4		N
21	NBMAPS	Character	2		Y
22	FDS	Character	4		Y
23	FAR	Character	3		Y
24	GRANTREF	Character	3		N
25	ORTHO	Character	15		N
26	WATERSHED	Character	5		N
27	NAT_REG	Character	2		Y
28	ELEV	Character	3		N
29	SOURCES	Memo	10		N
30	CONTACTS	Memo	10		N
31	COMPILER	Character	20		N
32	DATE	Date	8		N
33	ECOTYPE1	Character	9		N
34	ECOTYPE2	Character	9		N
35	COSEWIC1	Character	30		N
36	COSEWIC2	Character	30		N
37	NBENSPACT1	Character	30		N
38	NBENSPACT2	Character	30		N
39	RAREPLANT1	Character	55		N
40	RAREPLANT2	Character	55		N
41	RAREPLANT3	Character	55		N
42	RAREPLANT4	Character	55		N
43	RAREPLANTS	Character	55		N
44	RAREPLANT6	Character	55		N
45	RAREPLANT7	Character	55		N
46	RAREPLANT8	Character	55		N
47	RAREPLANT9	Character	55		N
48	RAREPLAN10	Character	55		N
49	VULNERAB1	Character	30		N
50	VULNERAB2	Character	30		N
51	VULNERAB3	Character	30		N
52	RELICT1	Character	55		N
53	RELICT2	Character	55		N
54	DISJUNCT1	Character	55		N
55	DISJUNCT2	Character	55		N
56	DISJUNCT3	Character	55		N
57	DISJUNCT4	Character	55		N
58	NTFIELD	Date	8		N
59	TREES	Memo	10		N

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60	PLANTS	Memo	10	N
61	MAMMALS	Memo	10	N
62	BIRDS	Memo	10	N
63	F_R_A_I	Memo	10	N
64	SIZE	Numeric	6	1
65	BUFFER	Numeric	4	N
66	FRAGILITY	Character	1	N
67	OWNTYPE	Character	1	N
68	OWNER1	Character	40	N
69	ADDRESS1	Character	60	N
70	PID1	Character	8	N
71	OWNDATE	Date	8	N
72	HISTORY	Character	20	N
73	CURRENT	Character	20	N
74	LICENCE	Character	40	N
75	LEGAL	Character	40	N
76	AGENCY	Character	40	N
77	PLAN	Character	40	N
78	USES	Memo	10	N
79	IBP	Character	2	N
80	IBPSTAT	Character	1	N
81	CNA	Character	3	N
82	DOE	Character	2	N
83	QUERY	Character	2	N
** Total **			1750	

**ENVIRONMENTALLY SIGNIFICANT AREAS: DATABASE DICTIONARY
EXPLANATION OF FIELD NAMES, SOURCES OF INFORMATION & DATA ENTRY FORMAT**

NAME: SITE NAME
NUMBER: NUMBER ASSIGNED TO SITE BY DATABASE MANAGER
CATEGORY1} 1,2 OR 3 MOST IMPORTANT SITE FEATURES
CATEGORY2} REASONS FOR WHICH SITE IS INCLUDED IN DATABASE
CATEGORY3}

AESTHETIC	SITES WITH OUTSTANDING AESTHETIC APPEAL
AMPHIB	SITES IMPORTANT FOR AMPHIBIANS
BIRD	SITES IMPORTANT FOR BIRDS
FISH	SITES IMPORTANT FOR FISH
FOREST	SITES WITH HIGH QUALITY, UNUSUAL OR REPRESENTATIVE FOREST STANDS
FOSSIL	SITES WITH FOSSIL DEPOSITS
GEOLOGY	SITES WITH OTHER INTERESTING GEOLOGICAL FEATURES
INVERT	SITES IMPORTANT FOR INVERTEBRATES
MAMMAL	SITES IMPORTANT FOR MAMMALS
PLANT	SITES IMPORTANT FOR PLANTS (INCLUDING THOSE IDENTIFIED WITH RARE PLANTS)
REPTILE	SITES IMPORTANT FOR REPTILES
WETLAND	SITES IDENTIFIED AS HIGH QUALITY, UNUSUAL OR REPRESENTATIVE WETLANDS
UNIQUE	SITES WITH UNIQUE FEATURES (E.G. KEDRON LAKE BURRBALLS)

CRITERION1}

CRITERION2} 1, 2, OR 3 MOST IMPORTANT CRITERIA WHICH THE SITE MEETS

CRITERION3}

1. THE AREA SUPPORTS AN UNUSUALLY HIGH DIVERSITY OF PLANT AND/OR ANIMAL COMMUNITIES.
2. THE AREA SUPPORTS RARE, VULNERABLE, DISJUNCT OR RELICT SPECIES.
3. THE AREA SUPPORTS THREATENED OR ENDANGERED SPECIES.
4. THE AREA IS A TYPE LOCALITY, I.E. A SITE WHERE A PLANT, ANIMAL, ROCK OR FOSSIL TYPE WAS FIRST RECOGNIZED AND DESCRIBED.
5. THE AREA CONTAINS PLANT AND/OR ANIMAL ASSOCIATIONS, AND/OR HABITATS WHICH MAKE IT A SUITABLE REPRESENTATIVE OF ITS TYPE.
6. THE AREA CONTAINS UNIQUE OR DISTINCTIVE PLANT AND/OR ANIMAL ASSOCIATIONS, AND/OR HABITATS, AND/OR LANDFORMS.
7. THE AREA CONTAINS PLANT AND/OR ANIMAL ASSOCIATIONS, AND/OR HABITATS, AND/OR LANDFORMS OF LIMITED REPRESENTATION IN THE REGION, OR WHICH MAY BE REMNANTS OF ONCE-LARGER HABITATS THAT HAVE VIRTUALLY DISAPPEARED.
8. THE AREA SUPPORTS A CORE POPULATION OR SIGNIFICANT NUMBER OF ONE OR MORE SPECIES WHICH REQUIRE AN EXTENSIVE RANGE.
9. THE AREA SUPPORTS A CORE POPULATION OR SIGNIFICANT NUMBER OF ONE OR MORE SPECIES WHICH ARE SENSITIVE TO HUMAN DISTURBANCE.
10. THE AREA IS VITAL TO THE MAINTENANCE OF THE REGIONAL HYDROLOGICAL BALANCE.
11. THE AREA IS A CRITICAL HABITAT OF LIMITED RANGE, PROVIDING A BREEDING, SHELTER OR FEEDING SITE FOR WILD LIFE.
12. THE AREA SERVES AS A LINKING UNIT PROVIDING A CORRIDOR FOR THE MOVEMENT OF WILDLIFE.
13. THE SITE SERVES A SCIENTIFIC OR EDUCATIONAL PURPOSE, OR HAS BEEN THE SUBJECT OF CONSIDERABLE DOCUMENTED SCIENTIFIC RESEARCH.
14. THE AREA HAS UNUSUAL SCENIC BEAUTY.

PARISH: PARISH: ENTER FULL NAME AS IT APPEARS IN N.B. GAZETEER

COUNTY: COUNTY CODE

A	ALBERT	Q	QUEENS
C	CARLETON	R	RESTIGOUCHE
H	CHARLOTTE	J	SAINT JOHN
G	GLoucester	S	SUNBURY
K	KENT	V	VICTORIA
I	KINGS	W	WESTMORLAND
M	MADAWASKA	Y	YORK
N	NORTHUMBERLAND		

REGION: PLANNING REGION CODE

SJ	SAINT JOHN
FR	FREDERICTON
ED	EDMUNDSTON
CD	CAMPBELLTON-DALHOUSIE
BA	BATHURST
NC	NEWCASTLE-CHATHAM
MO	MONCTON

LOCATION: MEMO FIELD FOR DESCRIPTIVE LOCATION

DESCRIP: MEMO FIELD FOR SITE DESCRIPTION
SUMMARY OF ALL INFORMATION AVAILABLE

NTS: 1:50,000 TOPOGRAPHIC SHEET # (FORMAT: 21-P/3)

NTSZONE: GRID ZONE DESIGNATION (19 OR 20 IN N.B.)

NAD: NORTH AMERICAN DATUM YEAR (1927 OR 1983)
from legend on side panel of NTS sheet

UTME: UTM EASTING COORDINATE (FORMAT: 695200)

UTMN: UTM NORTHING COORDINATE (FORMAT: 5229900)

blue grid lines on NTS sheet

LAT: LATITUDE IN DEGREES & MINUTES TO NEAREST MINUTE (FORMAT: 4712)

LONG: LONGITUDE IN DEGREES & MINUTES TO NEAREST MINUTE (FORMAT: 6625)

from NTS sheet

**note that lat/longs in NB Maps/Cartes are in decimal form

NBMAPS: PAGE NUMBER IN NEW BRUNSWICK MAPS/CARTES BOOK

FDS: FOREST DEVELOPMENT SURVEY BLOCK

from NB Maps/Cartes

= first 2 numbers of 4-digit green numbers on the top of the page, followed by last 2 numbers
of 4-digit green numbers on the side of the page

FAR: FOREST ADMINISTRATION REGION (FORMAT: 2-1)

from April 1, 1994 map

GRANTREF: CROWN LANDS GRANT REFERENCE MAP SHEET #

ORTHO: LRIS TOPOGRAPHIC SERIES ORTHOPHOTO SHEET #

(FORMAT: 10 471000 66600)

(or: 210/01-X or 210/01-X4)

WATERSHED: DOE WATERSHED # (FORMAT: 2-02)

from map entitled "New Brunswick River Drainages"

NAT_REG: NATURAL REGION
from DNRE. "Second Approximation of the Natural Regions of New Brunswick", June 1993

- 1 KEDGWICK HIGHLANDS
- 2 EDMUNDSTON HIGHLANDS
- 3 UPSALQUITCH HIGHLANDS
- 4 SAINT JOHN UPLANDS
- 5 CHALEUR COASTAL
- 6 MIRAMICHI HIGHLANDS
- 7 TRANSITIONAL ZONE
- 8 MAGAGUADAVIC HILLS
- 9 CALEDONIAN HIGHLANDS
- 10 FUNDY COASTAL
- 11 NEW BRUNSWICK LOWLANDS
- 12 NORTHUMBERLAND COASTAL

ELEV: ELEVATION (IN METRES)
from NTS sheet

SOURCES: LITERATURE CONSULTED

CONTACTS: PEOPLE CONSULTED

when in format "DOE. ESAs (1984): " these are contacts listed in DOE Environmentally Significant Areas documents for Fredericton, Saint John, Newcastle-Chatham & Bathurst.

COMPILER: PERSON(S) PRIMARILY RESPONSIBLE FOR DATA VERIFICATION AND ENTRY

DATE: DATE OF LAST INFORMATION UPDATE

this will be the project completion date while the database is being developed

ECOTYPE1,2: 1 OR 2 PREDOMINANT ECOSYSTEM TYPES
SUBALPINE SUB ALPINE

AFBROAD ACADIAN FOREST - BROADLEAF DECIDUOUS
AFMIXED ACADIAN FOREST - MIXED
AFCONIF ACADIAN FOREST - CONIFEROUS

RUDERAL RUDERAL (WASTE LANDSCAPES SUCH AS RAILROAD SIDINGS)

MARSH FRESHWATER WETLAND - PALUSTRINE - MARSH
SWAMP FRESHWATER WETLAND - PALUSTRINE - SWAMP
BOG FRESHWATER WETLAND - PALUSTRINE - BOG
FEN FRESHWATER WETLAND - PALUSTRINE - FEN

LAKE FRESHWATER WETLAND - LACUSTRISE - LAKE
POND FRESHWATER WETLAND - LACUSTRISE - POND

RIVER FRESHWATER WETLAND - RIVERINE - RIVER
STREAM FRESHWATER WETLAND - RIVERINE - STREAM
STRAND RIVERINE - GRAVEL STRAND

RIPBANK FRESHWATER WETLAND - RIPARIAN - RIVER BANKS
RIPPLAIN FRESHWATER WETLAND - RIPARIAN - FLOODPLAIN

ESTFLAT ESTUARINE - TIDAL MUDFLAT
ESTMARSH ESTUARINE - SALT MARSH

CSTDUNE	COASTAL - DUNE
CSTBANK	COASTAL - SHINGLE BANK
CSTLEDGE	COASTAL - ROCK LEDGE
LITFLAT	LITTORAL - TIDAL MUDFLAT
LITMARSH	LITTORAL - SALT MARSH
COSEWIC1:	SPECIES EXISTING ON SITE DESIGNATED BY COSEWIC
COSEWIC2:	MEANING: VULNERABLE, THREATENED, OR ENDANGERED IN CANADA ENTER FULL COMMON NAME
NBENSPACT1:	SPECIES EXISTING ON SITE DESIGNATED BY
NBENSPACT2:	NB. ENDANGERED SPECIES ACT, 1975 MEANING: ENDANGERED IN NEW BRUNSWICK ENTER FULL COMMON NAME
RAREPLANT1-10:	SPECIES EXISTING ON SITE LISTED BY HINDS (1983) ¹ MEANING: RARE IN NEW BRUNSWICK (PLANTS ONLY) ENTER FULL LATIN NAME
VULNERAB1:	SPECIES EXISTING ON SITE LISTED BY CLAYDEN ET AL. (1984)
VULNERAB2:	MEANING: RARE OR VULNERABLE IN NEW BRUNSWICK
VULNERAB3:	(ALL SPECIES EXCLUDING PLANT) ENTER FULL COMMON NAME
RELICT1:	RELICT SPECIES EXISTING ON SITE
RELICT2:	ENTER FULL LATIN NAME
DISJUNCT1-4:	DISJUNCT SPECIES EXISTING ON SITE ENTER FULL LATIN NAME
TREES:	SPECIES LIST: CONIFEROUS AND DECIDUOUS TREES COMMON NAMES IN CAPITALS LATIN NAMES IN MIXED CAPITALIZATION
PLANTS:	SPECIES LIST: GROUND AND SHRUB VEGETATION INCL. ALGAE, FUNGI, MOSES, LIVERWORTS, FERNS COMMON NAMES IN CAPITALS LATIN NAMES IN MIXED CAPITALIZATION
MAMMALS:	SPECIES LIST COMMON NAMES IN CAPITALS LATIN NAMES IN MIXED CAPITALIZATION
BIRDS:	SPECIES LIST COMMON NAMES IN CAPITALS LATIN NAMES IN MIXED CAPITALIZATION
F_R_A_I:	SPECIES LIST: FISH, REPTILES, AMPHIBIANS, INVERTEBRATES COMMON NAMES IN CAPITALS LATIN NAMES IN MIXED CAPITALIZATION
SIZE:	AREA OF SITE IN HA. IF UNKNOWN, LEAVE BLANK (NUMERIC FIELD: DEFAULT = 0)

¹other species may be listed as determined by Hinds (1986), the New Brunswick Endangered Species Committee, or other sources which update Hinds (1983). Some species listed in Hinds (1983) are no longer considered rare in N.B. and are therefore not listed in this field.

BUFFER: WIDTH OF BUFFER NEEDED TO PROTECT SITE
IF UNKNOWN, LEAVE BLANK (NUMERIC FIELD: DEFAULT = 0)

FRAGILITY: SUSCEPTIBILITY TO DISTURBANCE, DANGER OF BEING DESTROYED
IF UNDETERMINED, LEAVE BLANK

- 1 SLIGHT
- 2 MODERATE
- 3 EXTREME

OWNTYPE: OWNERSHIP TYPE

- U PUBLIC
- P PRIVATE
- M MULTIPLE

OWNER1: OWNER NAME FROM NBGIC PROPERTY INFORMATION SYSTEM
BLANK IF UNKNOWN
"MULTIPLE" IN OWNER1 IF SITE IS LARGE ENCOMPASSING SEVERAL
LANDOWNERS, OR WHERE SITE BOUNDARIES ARE NOT EXACT

ADDRESS1: MAILING ADDRESS FROM NBGIC PROPERTY INFORMATION SYSTEM

PID1: NBGIC PROPERTY IDENTIFICATION #

OWNDATE: DATE OF LAST PROPERTY UPDATE CORRESPONDING TO NBGIC PID #

HISTORY: HISTORICAL USE OF SITE, IF KNOWN OR SIGNIFICANT

CURRENT: CURRENT USE OF SITE, IF KNOWN OR SIGNIFICANT

LICENCE: ANY RELEVANT AGREEMENTS/LEASES/RIGHTS-OF-WAY

eg. Mineral Rights, Riparian Rights, Easements

LEGAL: EXISTING OR PROPOSED LEGISLATIVE PROTECTION/DESIGNATION FOR SITE

AGENCY: MANAGEMENT AGENCY, IF APPLICABLE

PLAN: NAME OF ANY KNOWN SITE MANAGEMENT PLAN

USES: ANY KNOWN RESTRICTIONS OF PERMITTED USES OR PERCEIVED THREATS

IBP: ECOLOGICAL RESERVE # UNDER IBP PROGRAM, 1975

IBPSTAT: IF IBP # GIVEN, THEN GIVE SITE STATUS - FROM ECOLOGICAL RESERVES
ANNUAL REPORT, 1989-1990

P PROPOSED (THE MAJORITY ARE IN THIS STATE)

D DECLARED (13 PROCLAIMED ECOLOGICAL RESERVES @ MARCH 1995)

CNA: PAGE # FROM DIONNE ET AL. Critical Natural Areas in N.B., 1988.

DOE: SITE # FROM DEPT OF ENVIRONMENT'S ORIGINAL ESA DATABASES

QUERY: BLANK FIELD IN WHICH TO TAG SITES TO CREATE "TAILORED" QUERIES