

## **APPENDIX A**



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**EXAMPLE - INVENTORY PROGRAM**

On the opposing page is an example of the Inventory Program output (Table 1). Each species is preceded by its six letter database acronym (ACRONYM) and coefficient of conservatism (C), followed by its wetness coefficient (W), corresponding Michigan Wetland Category (WETNESS) (OBL = obligate wetland species, FAC = facultative species, UPL = upland species), and physiognomy (PHYSIOG.). Native taxa are shown in lower case in the SCIENTIFIC NAME column and are preceded by an N in the PHYSIOG. column. Adventive species are shown in ALL CAPS in the SCIENTIFIC NAME column, are defaulted to 0 (zero) in the C column, and are preceded by "Ad" in the PHYSIOG. column.

The table in the upper left-hand corner provides an analysis of the floristic quality of the site. It shows the number of native species and total number of all species present, the mean coefficient of conservatism (MEAN C), the Floristic Quality Index (FQI), derived by multiplying the MEAN C by the square root of the number of native species, and mean wetness (MEAN W). These are calculated separately for natives and then including adventive species (W/Adventives). The tables in the upper center and right-hand corner indicate the number of species in each physiognomic class, NATIVE *versus* ADVENTIVE along with their percentage of the total inventory.

**APPENDIX A: EXAMPLE - INVENTORY PROGRAM**

Table 1: Inventory Program

**SITE:** Woodland Site 1  
**LOCALE:** Berrien County  
**DATE:** 20 July 1993  
**BY:** Surveyor  
**FILE:** WOOD-1

<b>FLORISTIC QUALITY DATA</b>	<b>NATIVE</b>	<b>93.0%</b>	<b>ADVENTIVE</b>	<b>7.0%</b>
40 NATIVE SPECIES	2 Tree	4.7%	0 Tree	0.0%
43 Total Species	1 Shrub	2.3%	0 Shrub	0.0%
3.45 NATIVE MEAN C	4 Vine	9.3%	1 Vine	2.3%
3.21 W/Adventives	30 Forb	69.8%	2 Forb	4.7%
21.82 NATIVE FQI	3 Grass	7.0%	0 Grass	0.0%
21.04 W/Adventives	0 Sedge	0.0%	0 Sedge	0.0%
1.0 NATIVE MEAN W	0 Fern	0.0%		
0.9 W/Adventives				
AVG: FACULTATIVE (-)				

<b>ACRONYM</b>	<b>C</b>	<b>SCIENTIFIC NAME</b>	<b>W</b>	<b>WETNESS</b>	<b>PHYSIOG.</b>	<b>COMMON NAME</b>
ACARHO	0	Acalypha rhomboidea	3	FACU	N Forb	THREE-SEEDED MERCURY
ALLPET	0	ALLIARIA PETIOLATA	0	FAC	A Forb	GARLIC MUSTARD
ARITRI	5	Arisaema triphyllum	-2	FACW	N Forb	JACK-IN -THE-PULPIT
ASTLAN	2	Aster lanceolatus	-3	[FACW]	N Forb	EASTERN LINED ASTER
ASTURO	2	Aster urophyllum	5	[UPL]	N Forb	ARROW-LEAVED ASTER
BIDFRO	1	Bidens frondosa	-3	FACW	N Forb	COMMON BEGGARS-TICKS
BOECYL	5	Boehmeria cylindrica	-5	OBL	N Forb	FALSE NETTLE
CAMAME	8	Campanula americana	0	FAC	N Forb	TALL BELLFLOWER
CIRLUT	2	Circaea lutetiana	3	FACU	N Forb	ENCHANTER'S-NIGHTSHADE
EUPRUG	4	Eupatorium rugosum	3	FACU	N Forb	WHITE SNAKEROOT
FESSUB	5	Festuca subverticillata	2	FACU+	N Grass	NODDING FESCUE
GALCIR	4	Galium circaezans	4	FACU-	N Forb	WHITE WILD
GALTRO	4	Galium triflorum	2	FACU+	N Forb	FRAGRANT BEDSTRAW
GERMAC	4	Geranium maculatum	3	FACU	N Forb	WILD GERANIUM
GEUCAN	1	Geum canadense	0	FAC	N Forb	WHITE AVENS
HACVIR	1	Hackelia virginiana	1	FAC-	N Forb	STICKSEED; BEGGAR'S
HELHIR	10	Helianthus hirsutus <SC>	5	UPL	N Forb	OBLONG SUNFLOWER
HELSTR	4	Helianthus strumosus	5	UPL	N Forb	PALE-LEAVED SUNFLOWER
IMPPAL	6	Impatiens pallida	-3	FACW	N Forb	PALE TOUCH-ME-NOT
JUNTEN	1	Juncus tenuis	0	FAC	N Forb	ROADSIDE RUSH;
LEEORY	3	Leersia oryzoides	-5	OBL	N Grass	CUT GRASS
MENCAN	5	Menispermum canadense	0	FAC	N Vine	MOON SEED
OXASTR	0	Oxalis stricta	3	FACU	N Forb	COMMON YELLOW
PARQUI	5	Parthenocissus quinquefolia	1	FAC-	N Vine	VIRGINIA CREEPER
PHAARU	0	Phalaris arundinacea	-4	FACW+	N Grass	REED CANARY
PILPUM	5	Pilea pumila	3	FACW	N Forb	CLEARWEED
PLARUG	0	Plantago rugelii	0	FAC	N Forb	RED-STALKED PLANTAIN
POLREP	10	Polemonium reptans <T>	0	FAC	N Forb	JACOB'S
POLBIB	4	Polygonatum biflorum	3	FACU	N Forb	SOLOMON-SEAL
POTSIM	2	Potentilla simplex	4	FACU-	N Forb	OLD-FIELD or
PRUVUL	0	PRUNELLA VULGARIS	0	FAC	A Forb	LAWN PRUNELLA
QUEMAC	5	Quercus macrocarpa	1	FAC-	N Tree	BUR OAK
QUERUB	5	Quercus rubra	3	FACU	N Tree	RED OAK
RANABO	0	Ranunculus abortivus	-2	FACW-	N Forb	SMALL-FLOWERED BUTTERCUP
RUBOCC	1	Rubus occidentalis	5	UPL	N Shrub	BLACK RASPBERRY
SANGRE	2	Sanicula gregaria	-1	FAC+	N Forb	BLACK SNAKEROOT
SMIRAC	5	Smilacina racemosa	3	FACU	N Forb	FALSE SPIKENARD
SMIECI	6	Smilax ecirrhata	5	UPL	N Forb	UPRIGHT CARRION-FLOWER
VITRIP	3	Vitis riparia	-2	FACW-	N Vine	RIVERBANK GRAPE
SOLDUL	0	SOLANUM DULCAMARA	0	FAC	A Vine	BITTERSWEET NIGHTSHADE
SOLALT	1	Solidago altissima	3	FACU	N Forb	TALL GOLDENROD
SOLULM	5	Solidago ulmifolia	5	UPL	N Forb	ELM-LEAVED GOLDENROD
TOXRAR	2	Toxicodendron radicans	-1	FAC+	N Vine	POISON-IVY