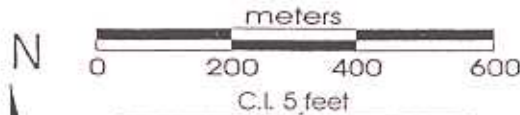Fig 36

Aquatic Plant Data for Basins A and B of Legend Lake

Wahtohsa (A) and Skice (B) Basins, Menominee Reservation/County, Wisconsin

Plant Survey Performed July, 1993 Using SCUBA
[For each transect: number of depths sampled;
average biomass (grams per sq. m.) with standard deviation;
species relative frequency with environmental values]

N

meters

0   200   400   600

C.I. 5 feet

Key for Environmental Value labels
E - excellent food source   FF - fish food
G - good food source   C - fish cover
F - fair food source   N - nuisance
P - poor food source   S - spawning

source: Attributes of Wisconsin Lake Plants
[Nichols and Vennie, 1991]
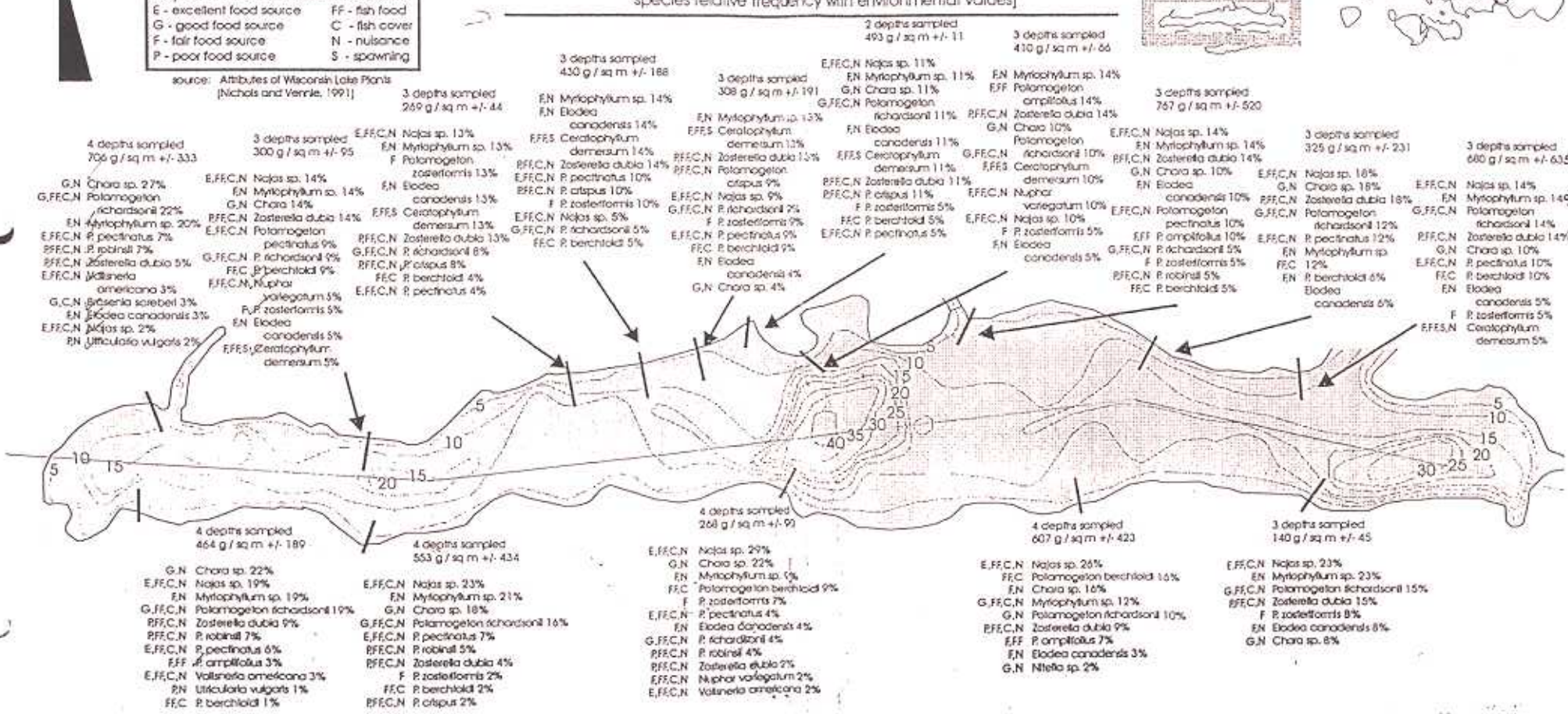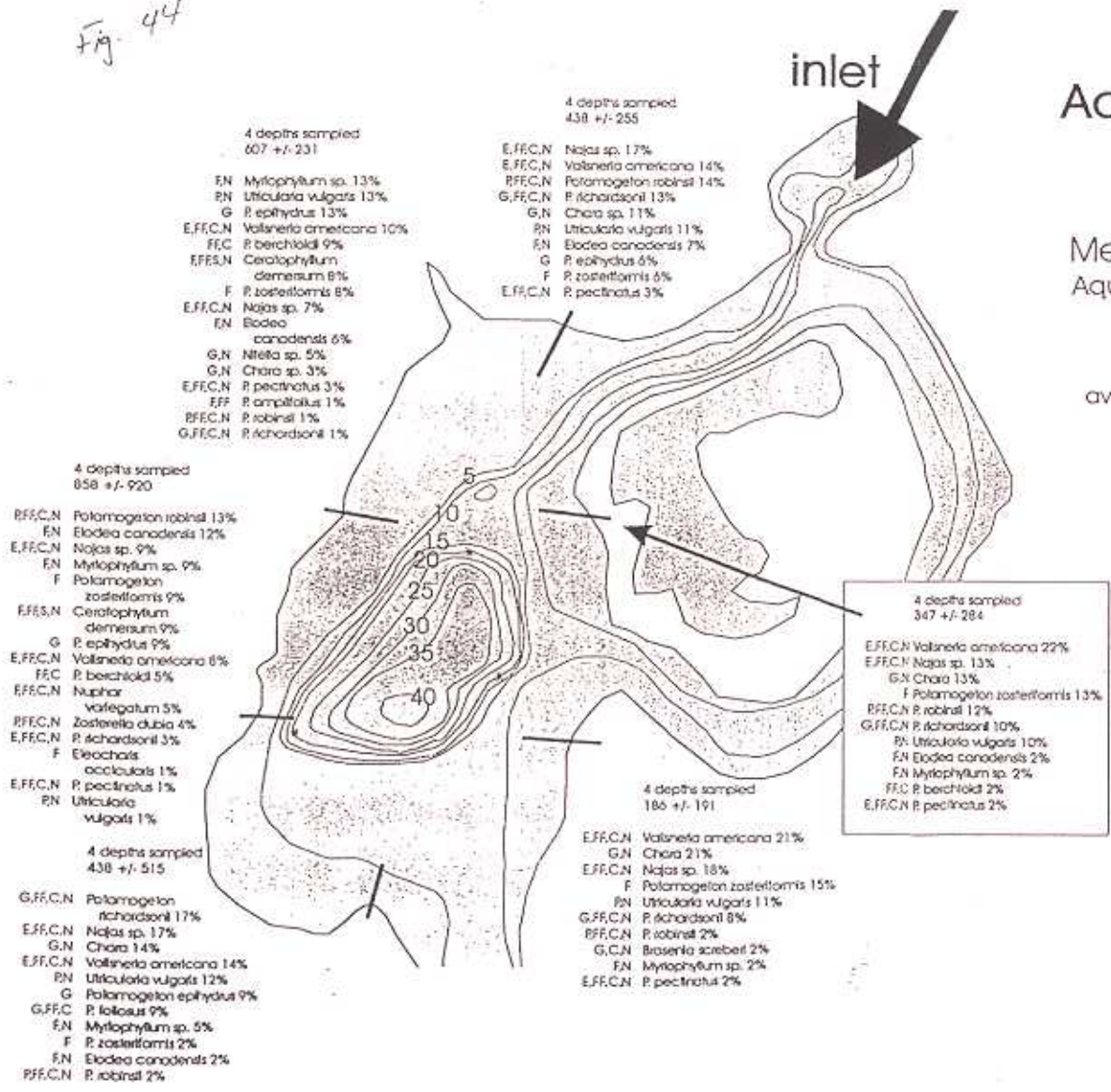
---

4 depths sampled
706 g / sq m +/- 333

G,N Chara sp. 27%
G,FF,C,N Potamogeton
richardsonii 22%
E,N Myriophyllum sp. 20%
E,FF,C,N P. pectinatus 7%
P,FF,C,N,P. robinsii 7%
P,FF,C,N Zosterella dubia 5%
E,FF,C,N Midsneria
americana 3%
G,C,N Brasenia screberi 3%
E,N Elodea canadensis 3%
E,FF,C,N Najas sp. 2%
P,N Utricularia vulgaris 2%

---

3 depths sampled
300 g / sq m +/- 95

E,FF,C,N Najas sp. 14%
E,N Myriophyllum sp. 14%
G,N Chara 14%
P,FF,C,N Zosterella dubia 14%
E,FF,C,N Potamogeton
pectinatus 9%
G,FF,C,N P. richardsonii 9%
FF,C P. berchtoldi 9%
E,FF,C,N Nuphar
variegatum 5%
P,FF zosteriforris 5%
E,N Elodea
canadensis 5%
F,FF,S Ceratophyllum
demersum 5%

---

3 depths sampled
269 g / sq m +/- 44

E,FF,C,N Najas sp. 13%
E,N Myriophyllum sp. 13%
F Potamogeton
zosteriforris 13%
F,N Elodea
canadensis 13%
F,FF,S Ceratophyllum
demersum 13%
P,FF,C,N Zosterella dubia 13%
G,FF,C,N P. richardsonii 8%
P,FF,C,N,P crispus 8%
FF,C P. berchtoldi 4%
E,FF,C,N P. pectinatus 4%

---

3 depths sampled
430 g / sq m +/- 188

E,N Myriophyllum sp. 14%
F,N Elodea
canadensis 14%
F,FF,S Ceratophyllum
demersum 14%
P,FF,C,N Zosterella dubia 14%
E,FF,C,N P. pectinatus 10%
E,FF,C,N P. crispus 10%
F P. zosteriforris 10%
E,FF,C,N Najas sp. 5%
G,FF,C,N P. richardsonii 5%
FF,C P. berchtoldi 5%

---

3 depths sampled
308 g / sq m +/- 191

F,N Myriophyllum sp. 13%
E,N Elodea
canadensis 11%
F,FF,S Ceratophyllum
demersum 11%
P,FF,C,N Potamogeton
crispus 9%
E,FF,C,N Najas sp. 9%
G,FF,C,N P. richardsonii 7%
FF,C P. berchtoldi 7%
E,N Elodea
canadensis 4%
G,N Chara sp. 4%

---

2 depths sampled
493 g / sq m +/- 11

E,FF,C,N Najas sp. 11%
F,N Myriophyllum sp. 11%
G,N Chara sp. 11%
G,FF,C,N Potamogeton
richardsonii 11%
P,FF,C,N Zosterella dubia 13%
P,FF,C,N Potamogeton
crispus 9%
P,FF,C,N Zosterella dubia 11%
P,FF,C,N,P. crispus 11%
F P. zosteriforris 5%
FF,C P. berchtoldi 5%
E,FF,C,N P. pectinatus 5%

---

3 depths sampled
410 g / sq m +/- 66

F,N Myriophyllum sp. 14%
F,FF Potamogeton
amplifolius 14%
P,FF,C,N Zosterella dubia 14%
G,N Chara 10%
F,N Potamogeton
richardsonii 10%
P,FF,C,N Zosterella dubia 14%
demersum 10%
E,FF,C,N Nuphar
variegatum 10%
E,FF,C,N Potamogeton
pectinatus 10%
F,N Elodea
canadensis 5%

---

3 depths sampled
767 g / sq m +/- 520

E,FF,C,N Najas sp. 14%
F,N Myriophyllum sp. 14%
P,FF,C,N Zosterella dubia 14%
G,N Chara sp. 10%
E,N Elodea
canadensis 10%
E,FF,C,N Potamogeton
pectinatus 10%
F,FF P. amplifolius 10%
G,FF,C,N P. richardsonii 5%
F P. zosteriforris 5%
P,FF,C,N P. robinsii 5%
FF,C P. berchtoldi 5%

---

3 depths sampled
329 g / sq m +/- 231

E,FF,C,N Najas sp. 18%
G,N Chara sp. 18%
P,FF,C,N Zosterella dubia 18%
G,FF,C,N Potamogeton
richardsonii 12%
E,FF,C,N P. pectinatus 12%
F,N Myriophyllum sp
FF,C 12%
E,N P. berchtoldi 6%
Elodea
canadensis 6%

---

3 depths sampled
680 g / sq m +/- 635

E,FF,C,N Najas sp. 14%
E,N Myriophyllum sp. 14%
G,FF,C,N Potamogeton
richardsonii 14%
P,FF,C,N Zosterella dubia 14%
G,N Chara sp. 10%
E,FF,C,N P. pectinatus 10%
FF,C P. berchtoldi 10%
E,N Elodea
F P. zosteriforris 5%
F,FF,S,N Ceratophyllum
demersum 5%

---

4 depths sampled
464 g / sq m +/- 189

G,N Chara sp. 22%
E,FF,C,N Najas sp. 19%
E,N Myriophyllum sp. 19%
G,FF,C,N Potamogeton richardsonii 19%
P,FF,C,N Zosterella dubia 9%
P,FF,C,N P. robinsii 7%
E,FF,C,N P. pectinatus 6%
F,FF P. amplifolius 3%
E,FF,C,N Vallisneria americana 3%
P,N Utricularia vulgaris 1%
FF,C P. berchtoldi 1%

---

4 depths sampled
553 g / sq m +/- 434

E,FF,C,N Najas sp. 23%
F,N Myriophyllum sp. 21%
G,N Chara sp. 18%
G,FF,C,N Potamogeton richardsonii 16%
E,FF,C,N P. pectinatus 7%
P,FF,C,N P. robinsii 5%
P,FF,C,N Zosterella dubia 4%
F P. zosteriforris 2%
FF,C P. berchtoldi 2%
P,FF,C,N P. crispus 2%

---

4 depths sampled
268 g / sq m +/- 90

E,FF,C,N Najas sp. 29%
G,N Chara sp. 22%
F,N Myriophyllum sp. 9%
FF,C Potamogeton berchtoldi 9%
F P. zosteriforris 7%
E,FF,C,N P. pectinatus 4%
F,N Elodea canadensis 4%
G,FF,C,N P. richardsonii 4%
P,FF,C,N P. robinsii 4%
P,FF,C,N Zosterella dubia 2%
E,FF,C,N Nuphar variegatum 2%
E,FF,C,N Vallisneria americana 2%

---

4 depths sampled
607 g / sq m +/- 423

E,FF,C,N Najas sp. 26%
FF,C Potamogeton berchtoldi 16%
F,N Chara sp. 16%
G,FF,C,N Myriophyllum sp. 12%
G,N Potamogeton richardsonii 10%
P,FF,C,N Zosterella dubia 9%
F,FF P. amplifolius 7%
F,N Elodea canadensis 3%
G,N Nitella sp. 2%

---

3 depths sampled
140 g / sq m +/- 45

E,FF,C,N Najas sp. 23%
E,N Myriophyllum sp. 23%
G,FF,C,N Potamogeton richardsonii 15%
P,FF,C,N Zosterella dubia 15%
F P. zosteriforris 8%
E,N Elodea canadensis 8%
G,N Chara sp. 8%

Fig 40

inlet

Aquatic Plant Data for Basin C of Legend Lake
Spring (C) Basin
Menominee Reservation/County, Wisconsin
Plant Survey Performed July, 1993 Using SCUBA

[For each transect: number of depths sampled;
average biomass (grams per sq. m.) with standard deviation;
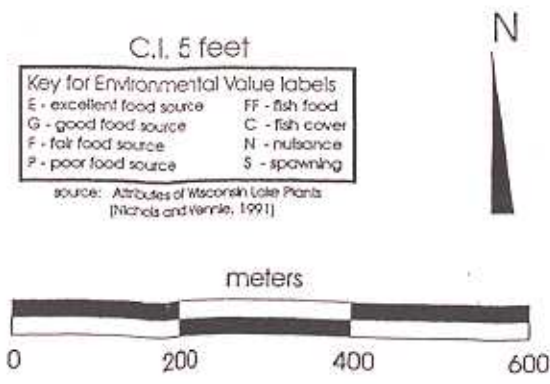species relative frequency with environmental values]

4 depths sampled
527 g / sq m +/- 343

E,FF,C,N	Najas sp. 15%
E,FF,C,N	Vallsneria americana 14%
F,FF,S,N	Ceratophyllum demersum 9%
F,N	Myriophyllum sp. 8%
F,FF	Potamogeton amplifolius 8%
F,N	Elodea canadensis 5%
F	P. zosterlformis 5%
FF,C	P. berchtoldi 5%
P,FF,C,N	P. robinsii 5%
G,N	Chara sp. 4%
G,FF,C,N	P. richardsonii 4%
E,FF,C,N	P. pectinatus 4%
G	P. epihydrus 4%
G	Nitella sp. 4%
G,N	P. gramineus 2%
P,N	Utricularia vulgaris 2%

4 depths sampled
515 g / sq m +/- 237

E,FF,C,N	Vallsneria americana 22%
E,FF,C,N	Najas sp. 16%
G,FF,C,N	Potamogeton richardsonii 16%
G,N	Chara sp. 12%
F	P. zosterlformis 11%
F,N	Myriophyllum sp. 8%
P,N	P. robinsii 5%
P,FF,C,N	Utricularia vulgaris 4%
F,N	Elodea canadensis 4%
FF,C	P. berchtoldi 3%
F,FF,C,N	Zosterella dubia 1%

4 depths sampled
121 g / sq m +/- 52

G,N	Chara 24%
G,N	Nitella sp. 20%
G,FF,C,N	Potamogeton richardsonii 14%
E,FF,C,N	Vallsneria americana 14%
P,N	Utricularia vulgaris 12%
F,FF,S,N	Ceratophyllum demersum 6%
F,N	Elodea canadensis 4%
P,FF,C,N	P. robinsii 2%
F,N	Myriophyllum sp. 2%
E,FF,C,N	P. pectinatus 2%

5 10 15 20 30 25 40 35 20 10 5

4 depths sampled
1188 g / sq m +/- 1252

E,FF,C,N	Najas sp. 19%
F,N	Elodea canadensis 13%
P,FF,C,N	Potamogeton robinsii 11%
E,FF,C,N	Vallsneria americana 9%
F	P. zosterlformis 9%
FF,C	P. berchtoldi 8%
G,N	Chara sp. 8%
P,N	Utricularia vulgaris 8%
G,FF,C,N	P. richardsonii 6%
F,N	Myriophyllum sp. 5%
F,FF,S,N	Ceratophyllum demersum 2%
G	P. epihydrus 2%
G,N	Nitella sp. 2%

4 depths sampled
317 g / sq m +/- 172

E,FF,C,N	Vallsneria americana 17%
E,FF,C,N	Najas sp. 14%
F	Potamogeton zosterlformis 14%
P,N	Utricularia vulgaris 11%
G,N	Chara sp. 9%
G,FF,C,N	P. richardsonii 9%
G,FF,C	P. foliosus 8%
G	P. natans 6%
E,FF,C,N	P. pectinatus 5%
F,N	Myriophyllum sp. 5%
G	P. epihydrus 2%
F,N	Elodea canadensis 2%
F,FF,C,N	Nuphar variegatum 2%

4 depths sampled
143 g / sq m +/- 104

E,FF,C,N	Najas sp. 23%
E,FF,C,N	Vallsneria americana 17%
G,FF,C,N	Potamogeton richardsonii 12%
G,N	Chara sp. 15%
F	P. zosterlformis 12%
P,N	Utricularia vulgaris 8%
E,FF,C,N	P. pectinatus 5%
F,N	Myriophyllum sp. 3%
P,FF,C,N	P. robinsii 3%
G,FF,C	P. foliosus 2%

4 depths sampled
142 g / sq m +/- 87

G,N	Chara sp. 21%
E,FF,C,N	Vallsneria americana 19%
G,FF,C,N	Potamogeton richardsonii 19%
E,FF,C,N	Najas sp. 15%
E,FF,C,N	P. pectinatus 7%
F,N	Myriophyllum sp. 7%
G,FF,C	P. foliosus 4%
F	P. zosterlformis 3%
E,FF,C,N	P. berchtoldi 3%
P,N	Utricularia vulgaris 1%

Key for Environmental Value labels

E - excellent food source	FF - fish food
G - good food source	C - fish cover
F - fair food source	N - nuisance
P - poor food source	S - spawning

source: Attributes of Wisconsin Lake Plants
(Nichols and Vennie, 1991)

C.I. 5 feet

N

meters

0   200   400   600

Fig. 44

inlet

Aquatic Plant Data for Basin D
of Legend Lake
Pestiga (D) Basin
Menominee Reservation/County, Wisconsin
Aquatic Plant Survey Performed July, 1993 Using SCUBA

[For each transect: number of depths sampled;
average biomass (grams per sq. m.) with standard deviation;
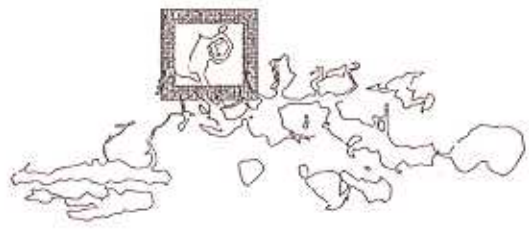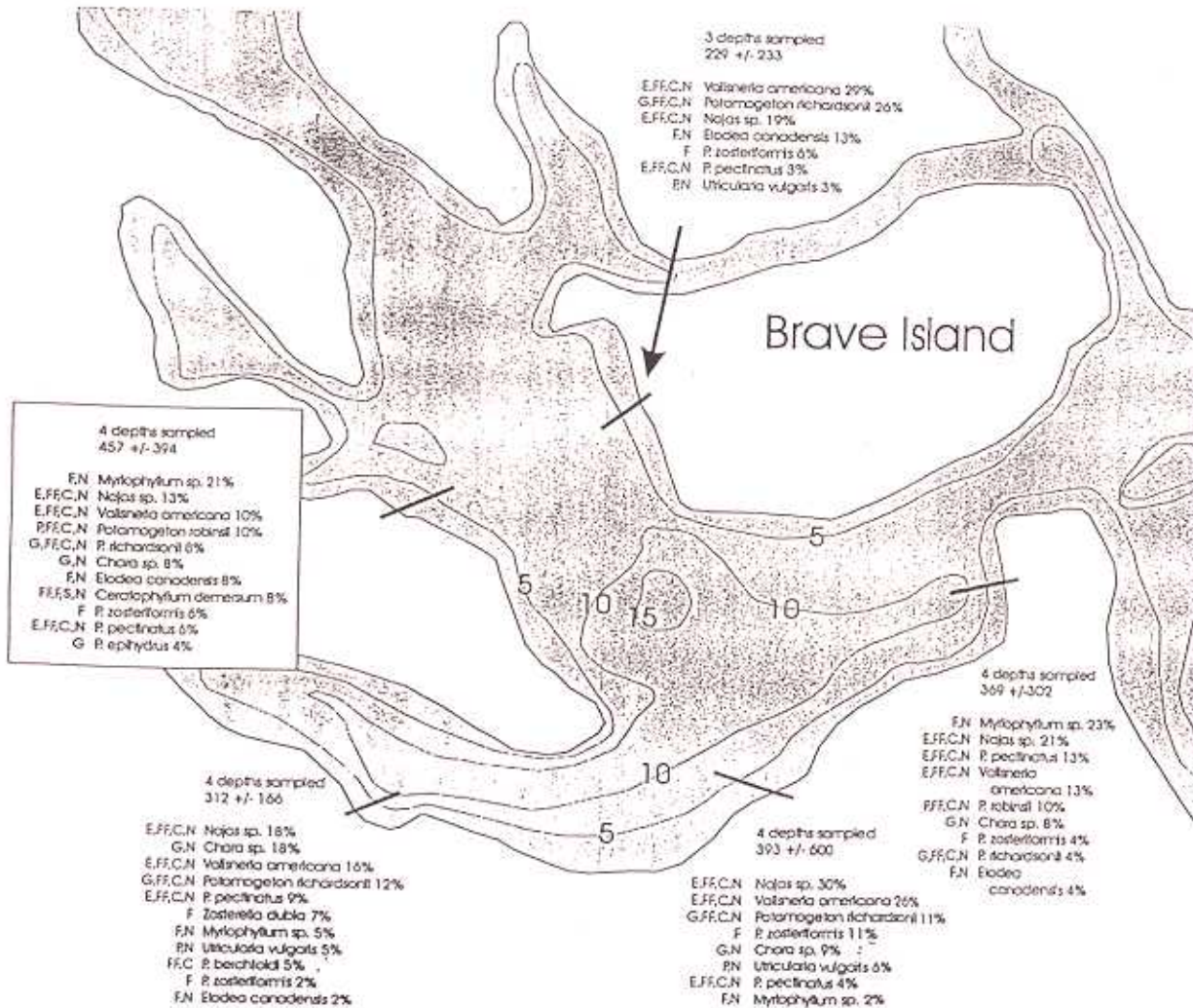species relative frequency with environmental values]

4 depths sampled
607 +/- 231

F,N	Myriophyllum sp. 13%
P,N	Utricularia vulgaris 13%
G	P. epihydrus 13%
E,FF,C,N	Vallsneria americana 10%
FF,C	P. berchtoldi 9%
F,FF,S,N	Ceratophyllum demersum 8%
F	P. zosteriformis 8%
E,FF,C,N	Najas sp. 7%
F,N	Elodea canadensis 6%
G,N	Nitella sp. 5%
G,N	Chara sp. 3%
E,FF,C,N	P. pectinatus 3%
F,FF	P. amplifolius 1%
P,FF,C,N	P. robinsi 1%
G,FF,C,N	P. richardsonii 1%

4 depths sampled
438 +/- 255

E,FF,C,N	Najas sp. 17%
E,FF,C,N	Vallsneria americana 14%
P,FF,C,N	Potamogeton robinsi 14%
G,FF,C,N	P. richardsonii 13%
G,N	Chara sp. 11%
P,N	Utricularia vulgaris 11%
F,N	Elodea canadensis 7%
G	P. epihydrus 6%
F	P. zosteriformis 6%
E,FF,C,N	P. pectinatus 3%

4 depths sampled
858 +/- 920

P,FF,C,N	Potamogeton robinsi 13%
F,N	Elodea canadensis 12%
E,FF,C,N	Najas sp. 9%
F,N	Myriophyllum sp. 9%
F	Potamogeton zosteriformis 9%
F,FF,S,N	Ceratophyllum demersum 9%
G	P. epihydrus 9%
E,FF,C,N	Vallsneria americana 8%
FF,C	P. berchtoldi 5%
E,FF,C,N	Nuphar variegatum 5%
P,FF,C,N	Zosterella dubia 4%
E,FF,C,N	P. richardsonii 3%
F	Eleocharis acicularis 1%
E,FF,C,N	P. pectinatus 1%
P,N	Utricularia vulgaris 1%

4 depths sampled
438 +/- 515

G,FF,C,N	Potamogeton richardsonii 17%
E,FF,C,N	Najas sp. 17%
G,N	Chara 14%
E,FF,C,N	Vallsneria americana 14%
P,N	Utricularia vulgaris 12%
G	Potamogeton epihydrus 9%
G,FF,C	P. foliosus 9%
F,N	Myriophyllum sp. 5%
F	P. zosteriformis 2%
F,N	Elodea canadensis 2%
P,FF,C,N	P. robinsi 2%

4 depths sampled
347 +/- 284

E,FF,C,N	Vallsneria americana 22%
E,FF,C,N	Najas sp. 13%
G,N	Chara 13%
F	Potamogeton zosteriformis 13%
P,FF,C,N	P. robinsi 12%
G,FF,C,N	P. richardsonii 10%
P,N	Utricularia vulgaris 10%
F,N	Elodea canadensis 2%
F,N	Myriophyllum sp. 2%
FF,C	P. berchtoldi 2%
E,FF,C,N	P. pectinatus 2%

4 depths sampled
186 +/- 191

E,FF,C,N	Vallsneria americana 21%
G,N	Chara 21%
E,FF,C,N	Najas sp. 18%
F	Potamogeton zosteriformis 15%
P,N	Utricularia vulgaris 11%
G,FF,C,N	P. richardsonii 8%
P,FF,C,N	P. robinsi 2%
G,C,N	Brasenia screberi 2%
F,N	Myriophyllum sp. 2%
E,FF,C,N	P. pectinatus 2%

5
10
15
20
25
30
35
40

C.I. 5 feet

Key for Environmental Value labels
E - excellent food source   FF - fish food
G - good food source   C - fish cover
F - fair food source   N - nuisance
P - poor food source   S - spawning

source: Attributes of Wisconsin Lake Plants
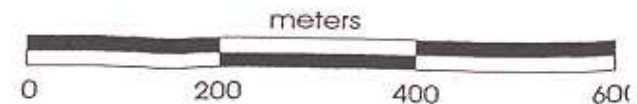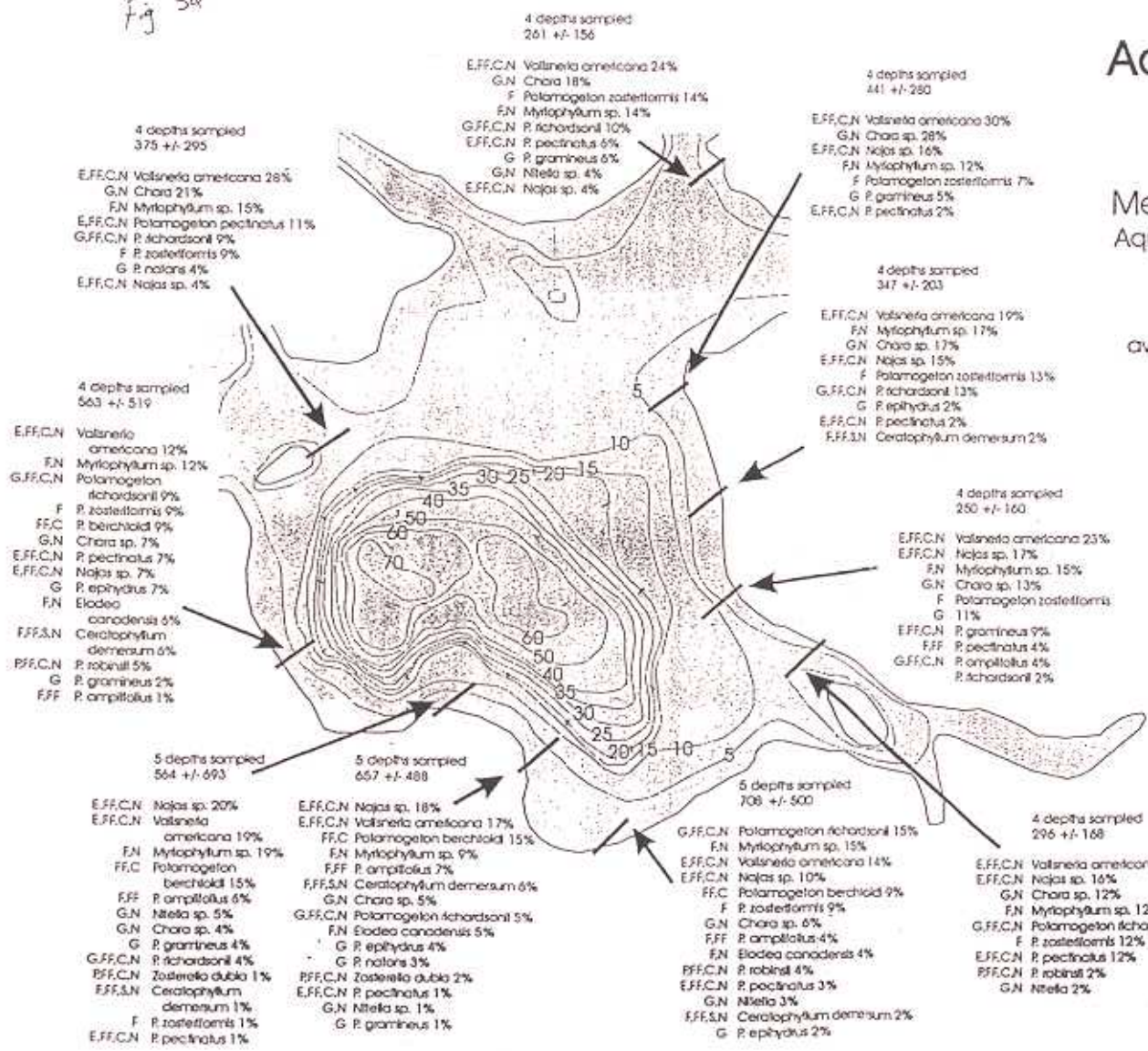(Nichols and Vennie, 1991)

N

meters

0   200   400   600

Fig 48

Aquatic Plant Data for Basin E
of Legend Lake
Little Blacksmith (E) Basin,
Menominee Reservation/County, Wisconsin
Aquatic Plant Survey Performed July, 1993 Using SCUBA

[For each transect: number of depths sampled;
average biomass (grams per sq. m.) with standard deviation;
species relative frequency with environmental values]

Brave Island

3 depths sampled
229 +/- 233

E,FF,C,N   Vallsneria americana 29%
G,FF,C,N   Potamogeton richardsonii 26%
E,FF,C,N   Najas sp. 19%
F,N   Elodea canadensis 13%
F   P. zosteriforrnis 6%
E,FF,C,N   P. pectinatus 3%
F,N   Utricularia vulgaris 3%

4 depths sampled
457 +/- 394

F,N   Myriophyllum sp. 21%
E,FF,C,N   Najas sp. 13%
E,FF,C,N   Vallsneria americana 10%
P,FF,C,N   Potamogeton robinsii 10%
G,FF,C,N   P. richardsonii 8%
G,N   Chara sp. 8%
F,N   Elodea canadensis 8%
FF,F,S,N   Ceratophyllum demersum 8%
F   P. zosteriforrnis 6%
E,FF,C,N   P. pectinatus 6%
G   P. epihydrus 4%

4 depths sampled
312 +/- 166

E,FF,C,N   Najas sp. 18%
G,N   Chara sp. 18%
E,FF,C,N   Vallsneria americana 16%
G,FF,C,N   Potamogeton richardsonii 12%
E,FF,C,N   P. pectinatus 9%
F   Zosterella dubia 7%
F,N   Myriophyllum sp. 5%
P,N   Utricularia vulgaris 5%
FF,C   P. berchtoldi 5%
F   P. zosteriforrnis 2%
F,N   Elodea canadensis 2%

4 depths sampled
369 +/- 302

F,N   Myriophyllum sp. 23%
E,FF,C,N   Najas sp. 21%
E,FF,C,N   P. pectinatus 13%
E,FF,C,N   Vallsneria americana 13%
P,FF,C,N   P. robinsii 10%
G,N   Chara sp. 8%
F   P. zosteriforrnis 4%
G,FF,C,N   P. richardsonii 4%
F,N   Elodea canadensis 4%

4 depths sampled
393 +/- 600

E,FF,C,N   Najas sp. 30%
E,FF,C,N   Vallsneria americana 26%
G,FF,C,N   Potamogeton richardsonii 11%
F   P. zosteriforrnis 11%
G,N   Chara sp. 9%
P,N   Utricularia vulgaris 6%
E,FF,C,N   P. pectinatus 4%
F,N   Myriophyllum sp. 2%

C.I. 5 feet

Key for Environmental Value labels
E - excellent food source   FF - fish food
G - good food source   C - fish cover
F - fair food source   N - nuisance
P - poor food source   S - spawning

Source: Attributes of Wisconsin Lake Plants
[Nichols and Vennie, 1991]

N

meters

0   200   400   60(
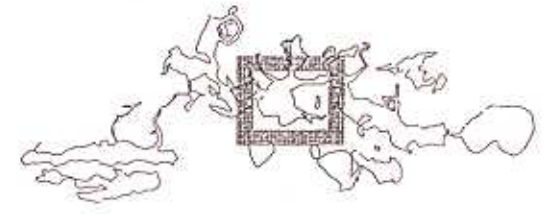
5   10   15

Fig 5a

Aquatic Plant Data for Basin F of Legend Lake
Big Blacksmith (F) Basin
Menominee Reservation/County, Wisconsin
Aquatic Plant Survey Performed July, 1993 Using SCUBA

[For each transect: number of depths sampled; average biomass (grams per sq. m.) with standard deviation; species relative frequency with environmental values]

4 depths sampled
261 +/- 156

E,FF,C,N	Vallsneria americana 24%
G,N	Chara 18%
F	Potamogeton zosteriformis 14%
F,N	Myriophyllum sp. 14%
G,FF,C,N	P. richardsonii 10%
E,FF,C,N	P. pectinatus 6%
G	P. gramineus 6%
G,N	Nitella sp. 4%
E,FF,C,N	Najas sp. 4%

4 depths sampled
441 +/- 280

E,FF,C,N	Vallsneria americana 30%
G,N	Chara sp. 28%
E,FF,C,N	Najas sp. 16%
F,N	Myriophyllum sp. 12%
F	Potamogeton zosteriformis 7%
G	P. gramineus 5%
E,FF,C,N	P. pectinatus 2%

4 depths sampled
375 +/- 295

E,FF,C,N	Vallsneria americana 28%
G,N	Chara 21%
F,N	Myriophyllum sp. 15%
E,FF,C,N	Potamogeton pectinatus 11%
G,FF,C,N	P. richardsonii 9%
F	P. zosteriformis 9%
G	P. natans 4%
E,FF,C,N	Najas sp. 4%

4 depths sampled
347 +/- 203

E,FF,C,N	Vallsneria americana 19%
F,N	Myriophyllum sp. 17%
G,N	Chara sp. 17%
E,FF,C,N	Najas sp. 15%
F	Potamogeton zosteriformis 13%
G,FF,C,N	P. richardsonii 13%
G	P. epihydrus 2%
E,FF,C,N	P. pectinatus 2%
F,FF,S,N	Ceratophyllum demersum 2%

4 depths sampled
563 +/- 519

E,FF,C,N	Vallsneria americana 12%
F,N	Myriophyllum sp. 12%
G,FF,C,N	Potamogeton richardsonii 9%
F	P. zosteriformis 9%
FF,C	P. berchtoldi 9%
G,N	Chara sp. 7%
E,FF,C,N	P. pectinatus 7%
E,FF,C,N	Najas sp. 7%
G	P. epihydrus 7%
F,N	Elodea canadensis 6%
F,FF,S,N	Ceratophyllum demersum 6%
P,FF,C,N	P. robinsii 5%
G	P. gramineus 2%
F,FF	P. ampliofolius 1%

4 depths sampled
250 +/- 160

E,FF,C,N	Vallsneria americana 23%
E,FF,C,N	Najas sp. 17%
F,N	Myriophyllum sp. 15%
G,N	Chara sp. 13%
F	Potamogeton zosteriformis
G	11%
E,FF,C,N	P. gramineus 9%
F,FF	P. pectinatus 4%
G,FF,C,N	P. ampliofolius 4%
	P. richardsonii 2%

5 depths sampled
564 +/- 693

E,FF,C,N	Najas sp. 20%
E,FF,C,N	Vallsneria americana 19%
F,N	Myriophyllum sp. 19%
FF,C	Potamogeton berchtoldi 15%
F,FF	P. ampliofolius 6%
G,N	Nitella sp. 5%
G,N	Chara sp. 4%
G	P. gramineus 4%
G,FF,C,N	P. richardsonii 4%
P,FF,C,N	Zosterella dubia 1%
F,FF,S,N	Ceratophyllum demersum 1%
F	P. zosteriformis 1%
E,FF,C,N	P. pectinatus 1%

5 depths sampled
657 +/- 488

E,FF,C,N	Najas sp. 18%
E,FF,C,N	Vallsneria americana 17%
FF,C	Potamogeton berchtoldi 15%
F,N	Myriophyllum sp. 9%
F,FF	P. ampliofolius 7%
F,FF,S,N	Ceratophyllum demersum 6%
G,N	Chara sp. 5%
G,FF,C,N	Potamogeton richardsonii 5%
F,N	Elodea canadensis 5%
G	P. epihydrus 4%
G	P. natans 3%
P,FF,C,N	Zosterella dubia 2%
E,FF,C,N	P. pectinatus 1%
G,N	Nitella sp. 1%
G	P. gramineus 1%

5 depths sampled
708 +/- 500

G,FF,C,N	Potamogeton richardsonii 15%
F,N	Myriophyllum sp. 15%
E,FF,C,N	Vallsneria americana 14%
E,FF,C,N	Najas sp. 10%
FF,C	Potamogeton berchtoldi 9%
F	P. zosteriformis 9%
G,N	Chara sp. 6%
F,FF	P. ampliofolius 4%
F,N	Elodea canadensis 4%
P,FF,C,N	P. robinsii 4%
E,FF,C,N	P. pectinatus 3%
G,N	Nitella 3%
F,FF,S,N	Ceratophyllum demersum 2%
G	P. epihydrus 2%

4 depths sampled
296 +/- 168

E,FF,C,N	Vallsneria americana 18%
E,FF,C,N	Najas sp. 16%
G,N	Chara sp. 12%
F,N	Myriophyllum sp. 12%
G,FF,C,N	Potamogeton richardsonii 12%
F	P. zosteriformis 12%
E,FF,C,N	P. pectinatus 12%
P,FF,C,N	P. robinsii 2%
G,N	Nitella 2%

C.I. 5 feet

Key for Environmental Value labels
- E - excellent food source
- G - good food source
- F - fair food source
- P - poor food source
- FF - fish food
- C - fish cover
- N - nuisance
- S - spawning

source: Attributes of Wisconsin Lake Plants (Nichols and Vennie, 1991)

N

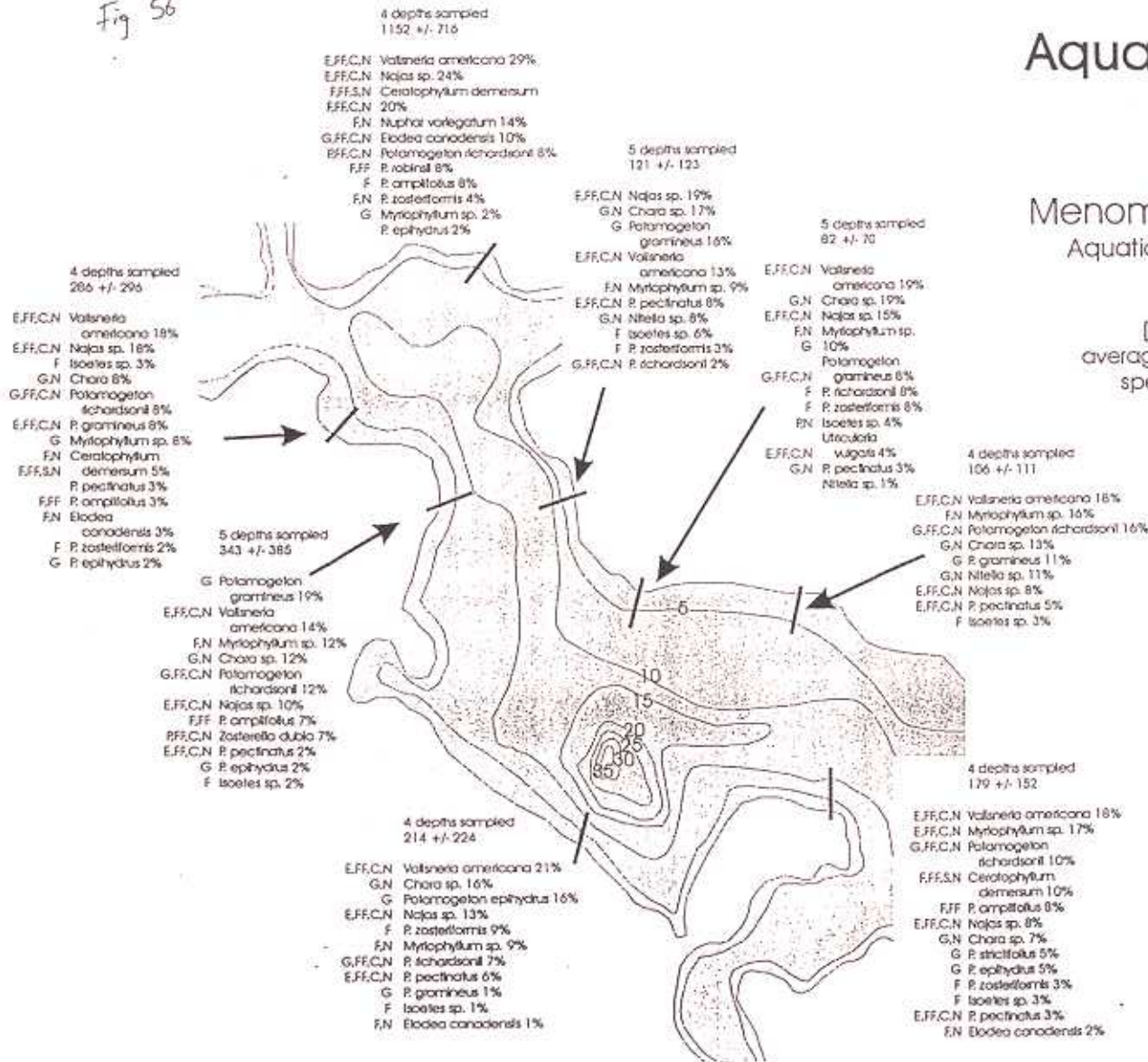| meters			
0	200	400	600

Fig 56

Aquatic Plant Data for Basin G
of Legend Lake
Sapokisick (G) Basin
Menominee Reservation/County, Wisconsin
Aquatic Plant Survey Performed July, 1993 Using SCUBA

[For each transect: number of depths sampled;
average biomass (grams per sq. m.) with standard deviation;
species relative frequency with environmental values]

4 depths sampled
1152 +/- 716

E,FF,C,N Vallsneria americana 29%
E,FF,C,N Najas sp. 24%
F,FF,S,N Ceratophyllum demersum
E,FF,C,N 20%
F,N Nuphar variegatum 14%
G,FF,C,N Elodea canadensis 10%
P,FF,C,N Potamogeton richardsonii 8%
F,FF P. robinsii 8%
F P. amplifolius 8%
F,N P. zosteriformis 4%
G Myriophyllum sp. 2%
P. epihydrus 2%

5 depths sampled
121 +/- 123

E,FF,C,N Najas sp. 19%
G,N Chara sp. 17%
G Potamogeton
gramineus 16%
E,FF,C,N Vallsneria
americana 13%
F,N Myriophyllum sp. 9%
E,FF,C,N P. pectinatus 8%
G,N Nitella sp. 8%
F Isoetes sp. 6%
F P. zosteriformis 3%
G,FF,C,N P. richardsonii 2%

5 depths sampled
82 +/- 70

E,FF,C,N Vallsneria
americana 19%
G,N Chara sp. 19%
E,FF,C,N Najas sp. 15%
F,N Myriophyllum sp.
G 10%
Potamogeton
gramineus 8%
G,FF,C,N F P. richardsonii 8%
F P. zosteriformis 8%
P,N Isoetes sp. 4%
Utricularia
E,FF,C,N vulgaris 4%
G,N P. pectinatus 3%
Nitella sp. 1%

4 depths sampled
286 +/- 296

E,FF,C,N Vallsneria
americana 18%
E,FF,C,N Najas sp. 18%
F Isoetes sp. 3%
G,N Chara 8%
G,FF,C,N Potamogeton
richardsonii 8%
E,FF,C,N P. gramineus 8%
G Myriophyllum sp. 8%
F,N Ceratophyllum
F,FF,S,N demersum 5%
P. pectinatus 3%
F,FF P. amplifolius 3%
F,N Elodea
canadensis 3%
F P. zosteriformis 2%
G P. epihydrus 2%

5 depths sampled
343 +/- 385

G Potamogeton
gramineus 19%
E,FF,C,N Vallsneria
americana 14%
F,N Myriophyllum sp. 12%
G,N Chara sp. 12%
G,FF,C,N Potamogeton
richardsonii 12%
E,FF,C,N Najas sp. 10%
F,FF P. amplifolius 7%
P,FF,C,N Zosterella dubia 7%
E,FF,C,N P. pectinatus 2%
G P. epihydrus 2%
F Isoetes sp. 2%

4 depths sampled
106 +/- 111

E,FF,C,N Vallsneria americana 16%
F,N Myriophyllum sp. 16%
G,FF,C,N Potamogeton richardsonii 16%
G,N Chara sp. 13%
G P. gramineus 11%
G,N Nitella sp. 11%
E,FF,C,N Najas sp. 8%
E,FF,C,N P. pectinatus 5%
F Isoetes sp. 3%

5

10
15
20
25
30
35

4 depths sampled
214 +/- 224

E,FF,C,N Vallsneria americana 21%
G,N Chara sp. 16%
G Potamogeton epihydrus 16%
E,FF,C,N Najas sp. 13%
F P. zosteriformis 9%
F,N Myriophyllum sp. 9%
G,FF,C,N P. richardsonii 7%
E,FF,C,N P. pectinatus 6%
G P. gramineus 1%
F Isoetes sp. 1%
F,N Elodea canadensis 1%

4 depths sampled
179 +/- 152

E,FF,C,N Vallsneria americana 18%
E,FF,C,N Myriophyllum sp. 17%
G,FF,C,N Potamogeton
richardsonii 10%
F,FF,S,N Ceratophyllum
demersum 10%
F,FF P. amplifolius 8%
E,FF,C,N Najas sp. 8%
G,N Chara sp. 7%
G P. strictifolius 5%
G P. epihydrus 5%
F P. zosteriformis 3%
F Isoetes sp. 3%
E,FF,C,N P. pectinatus 3%
F,N Elodea canadensis 2%

C.I. 5 feet

N

Key for Environmental Value labels
E - excellent food source   FF - fish food
G - good food source   C - fish cover
F - fair food source   N - nuisance
P - poor food source   S - spawning

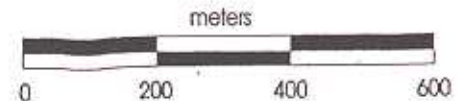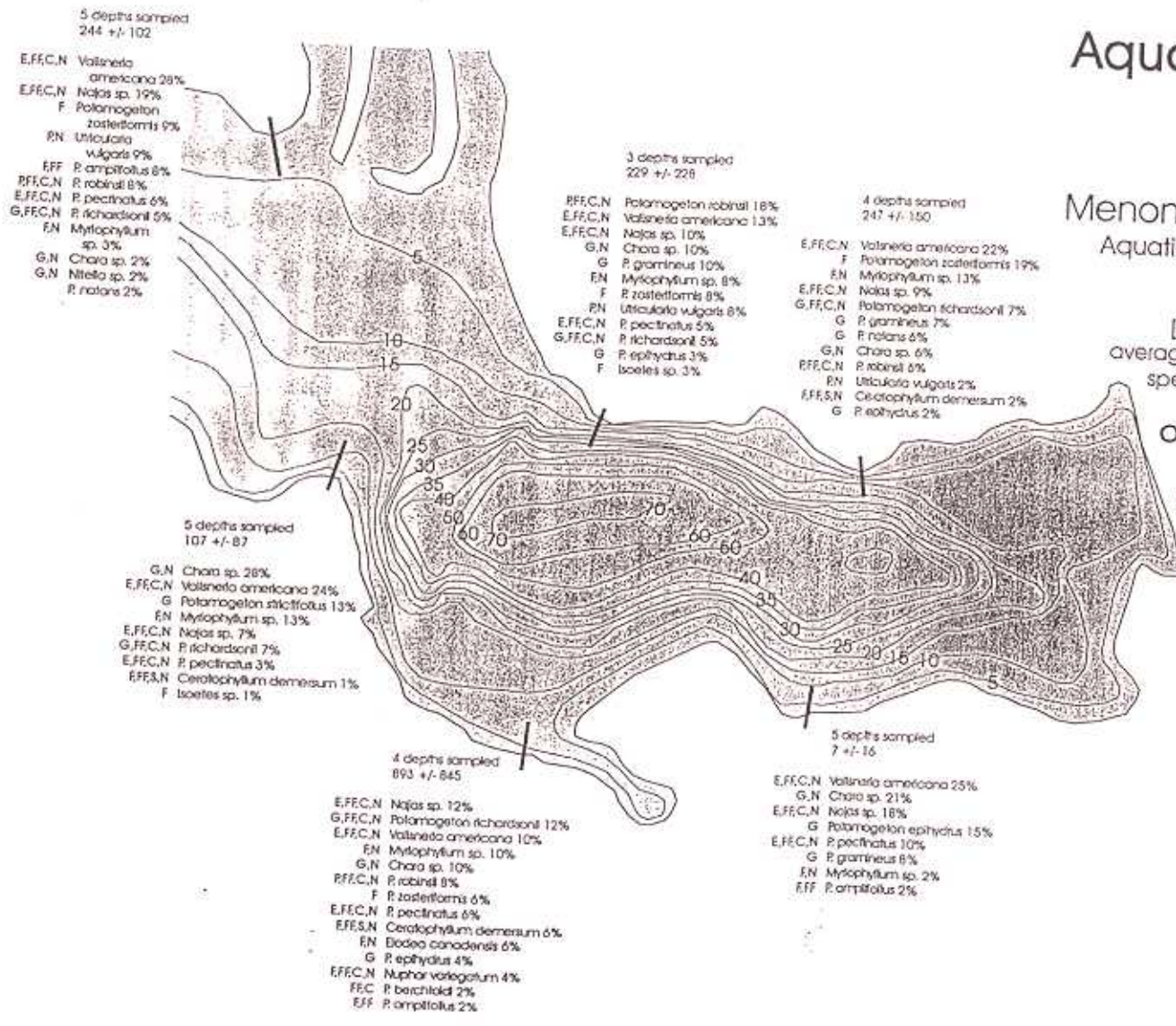source: Attributes of Wisconsin Lake Plants
(Nichols and Vennie, 1991)

meters

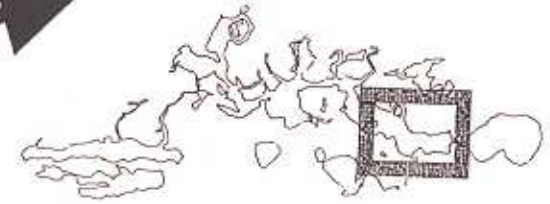0   200   400   600

Fig. 60

Aquatic Plant Data for Basin H of Legend Lake

Pywaosit (H) Basin
Menominee Reservation/County, Wisconsin
Aquatic Plant Survey Performed July, 1993 Using SCUBA

[For each transect: number of depths sampled; average biomass (grams per sq. m.) with standard deviation; species relative frequency with environmental values]

outlet

5 depths sampled
244 +/- 102

E,FF,C,N	Vallisneria americana 28%
E,FF,C,N	Najas sp. 19%
F	Potamogeton zosteriformis 9%
P,N	Utricularia vulgaris 9%
F,FF	P. amplifolius 8%
P,FF,C,N	P. robinsii 8%
E,FF,C,N	P. pectinatus 6%
G,FF,C,N	P. richardsonii 5%
F,N	Myriophyllum sp. 3%
G,N	Chara sp. 2%
G,N	Nitella sp. 2%
	P. natans 2%

3 depths sampled
229 +/- 228

P,FF,C,N	Potamogeton robinsii 18%
E,FF,C,N	Vallisneria americana 13%
E,FF,C,N	Najas sp. 10%
G,N	Chara sp. 10%
G	P. gramineus 10%
F,N	Myriophyllum sp. 8%
F	P. zosteriformis 8%
P,N	Utricularia vulgaris 8%
E,FF,C,N	P. pectinatus 5%
G,FF,C,N	P. richardsonii 5%
G	P. epihydrus 3%
F	Isoetes sp. 3%

4 depths sampled
247 +/- 150

E,FF,C,N	Vallisneria americana 22%
F	Potamogeton zosteriformis 19%
F,N	Myriophyllum sp. 13%
E,FF,C,N	Najas sp. 9%
G,FF,C,N	Potamogeton richardsonii 7%
G	P. gramineus 7%
G	P. natans 6%
G,N	Chara sp. 6%
P,FF,C,N	P. robinsii 6%
P,N	Utricularia vulgaris 2%
E,FF,S,N	Ceratophyllum demersum 2%
G	P. epihydrus 2%

5 depths sampled
107 +/- 87

G,N	Chara sp. 28%
E,FF,C,N	Vallisneria americana 24%
G	Potamogeton strictifolius 13%
F,N	Myriophyllum sp. 13%
E,FF,C,N	Najas sp. 7%
G,FF,C,N	P. richardsonii 7%
E,FF,C,N	P. pectinatus 3%
F,FF,S,N	Ceratophyllum demersum 1%
F	Isoetes sp. 1%

4 depths sampled
893 +/- 845

E,FF,C,N	Najas sp. 12%
G,FF,C,N	Potamogeton richardsonii 12%
E,FF,C,N	Vallisneria americana 10%
F,N	Myriophyllum sp. 10%
G,N	Chara sp. 10%
P,FF,C,N	P. robinsii 8%
F	P. zosteriformis 6%
E,FF,C,N	P. pectinatus 6%
E,FF,S,N	Ceratophyllum demersum 6%
F,N	Elodea canadensis 6%
G	P. epihydrus 4%
E,FF,C,N	Nuphar variegatum 4%
FF,C	P. berchtoldi 2%
F,FF	P. amplifolius 2%

5 depths sampled
7 +/- 16

E,FF,C,N	Vallisneria americana 25%
G,N	Chara sp. 21%
E,FF,C,N	Najas sp. 18%
G	Potamogeton epihydrus 15%
E,FF,C,N	P. pectinatus 10%
G	P. gramineus 6%
F,N	Myriophyllum sp. 2%
F,FF	P. amplifolius 2%

C.I. 5 feet

Key for Environmental Value labels

E - excellent food source	FF - fish food
G - good food source	C - fish cover
F - fair food source	N - nuisance
P - poor food source	S - spawning

source: Attributes of Wisconsin Lake Plants
[Nichols and Vennie, 1991]

N

meters

0   200   400   600