



Rivière :

ESVES

Station :

04097100
DESCARTES-Esves

Commune :

DESCARTES (37115)

Localisation :

Pont de la D750, Lieu dit Grignon

Objectif de qualité : 1B

Catégorie piscicole : 2



Coordonnées géographiques

	X (m)	Y (m)
Lambert II :	471 566	2 223 737
Lambert 93 :	521 272	6 658 312
Altitude (m) :	46	



Qualité des eaux

Station : DESCARTES-Esves

Code : 04097100

Cours d'eau : ESVES

Date prél.	Heure	Débit m3/s	T°eau °C	pH	Cond.25° µS/cm	O2 dis. mg/l	Sat. O2 %	MES mg/l	DBO5 mg/l	DCO mg/l	COD mg/l	N Kj mg/l	NH4+ mg/l	NO2- mg/l	NO3- mg/l	PO4--- mg/l	P Total mg/l	Chloro. a µg/l	Phéopig. µg/l
20/11/2008	13:20		10.4	8.0	683	10.3	91	24	2.6		4.2	1	0.06	0.04	28	0.15	0.08		
29/09/2008	12:30		12.6	8.0	631	5.8	60	24	2.6		5.1	1.1	< .05	0.04	30	0.07	0.05		
27/08/2008	10:45		17.1	7.9	652	6.5	67	36	1.9		3.8	1.3	< .05	0.04	27	0.13	0.06		
23/07/2008	10:34		17.3	7.8	639	5.3	54	22	1.5		5.3	1.6	0.17	0.05	29	0.11	0.06		
28/05/2008	13:30		16.0	7.6	656	6.6	67	30	3.1		6.0	< 1	0.09	0.08	29	0.08	0.07		
02/04/2008	11:40		10.2	8.4	190	5.4	47	32	4		8.6	1.7	< .05	0.05	28	0.12	0.08		
10/12/2007	10:40		8.9	7.8	585	10.1	88	149	2.8		16.0	2.2	0.21	0.09	40	0.63	0.33	3.4	13
22/10/2007	11:20		7.7	8.0	653	7.3	62	10	1.6			1.4	< .05	0.03	28	< .15	< .15	< 1	6.4
24/09/2007	10:45		15.0	7.8	620	8.7	86	21	1.8	9.4		< 1	0.08	0.04	26	< .15	< .15	2.7	6
20/08/2007	10:40		16.4	7.9	612	9.9	102	27	1.1	13		< 1	0.1	0.06	25	< .15	< .15	3.6	5.9
23/07/2007	10:40		17.8	7.8	612	8.1	98	27	1.6	12		1.4	0.05	0.06	25	< .15	< .15	5	4.1
19/06/2007	10:35		16.9	7.8	614	9.2	96	60	3.8	9.4		1.1	0.08	0.08	26	0.18	< .15	8	15
21/05/2007	10:55		16.9	7.9	656	10.0	104	31	2	15		1.4	0.11	0.11	27	< .15	0.16	4.5	8.4
12/02/2007	11:00		9.6	7.8	477	10.7	96	378	3.3	60		3.4	0.32	0.28	32	0.64	0.53	8.3	19
11/12/2006	11:10		7.3	8.1		10.2	85	68	1.7	< 20		1.7	0.11	0.12	46	0.3	0.2	2.6	5.4
23/10/2006	11:00		15.9	8.1		9.7	101	28	1.8	< 20		< 1	0.06	0.08	25	< .15	< .15	9.1	9.5
18/09/2006	11:15		18.3	7.6		9.7	104	33	1.8	< 20		< 1	< .05	0.08	23	< .15	< .15	4.3	6.8
21/08/2006	10:55		17.3	7.6				17	< 1	< 20		1.1	0.35	0.07	22	< .15	< .15	5.1	6.3
17/07/2006	10:50		23.0	7.8				28	< 1	< 20		1.1	0.16	0.11	20	< .15	< .15	6.3	10
19/06/2006	10:50		21.9	7.5				21	< 1	< 20		1.7	0.1	0.11	17	< .15	< .15	5.9	7.8
29/05/2006	10:45		16.6	7.6		10.7	110	36	1.6	< 20		1.1	0.09	0.14	22	< .15	< .15	3.1	9.5
13/02/2006	11:00		4.9	7.9		13.7	106	11	3.3	< 20		1.4	< .05	0.07	27	< .15	< .15	3.3	4.1



Qualité des eaux

Station : DESCARTES-Esves

Code : 04097100

Cours d'eau : ESVES

Date prél.	Heure	Débit m3/s	T°eau °C	pH	Cond.25° µS/cm	O2 dis. mg/l	Sat. O2 %	MES mg/l	DBO5 mg/l	DCO mg/l	COD mg/l	N Kj mg/l	NH4+ mg/l	NO2- mg/l	NO3- mg/l	PO4--- mg/l	P Total mg/l	Chloro. a µg/l	Phéopig. µg/l
12/12/2005	11:00		3.5	7.3		13.0	98	7	3	< 20		< 1	0.1	0.05	28	< .15	< .15	1.1	2
24/10/2005	10:40		13.5	7.6		9.5	91	26	2.2	< 20		1.1	0.1	0.08	24	< .15	< .15	2.4	4.8
19/09/2005	11:10		13.1	7.5				28	1.9	< 20		1.7	0.14	0.07	26	< .15	< .15	2.3	5.4
22/08/2005	10:00		17.8	7.6		9.9	103	30	1.4	< 20		< 1	0.15	0.07	24	< .15	< .15	3.5	6.9
25/07/2005	10:35		19.0	8.8		7.6	98	4	< 1	26		< 1	0.07	0.09	23	< .15	< .15	2.6	17
20/06/2005	11:00		22.4	7.5		6.9	80	42	2.2	< 20		1.1	0.23	0.16	20	< .15	< .15	6	10
23/05/2005	11:00		15.7	7.6		11.1	112	52	< 1	< 20		< 1	0.11	0.11	25	< .15	< .15	5.3	14
14/02/2005	11:05		6.0	7.8		12.3	100	34	2.5	< 20		1.1	0.09	0.1	26	0.24	< .15	4	6.4
13/12/2004	10:35		4.5	7.7		12.1	93	13	2.1	< 20		< 1	0.1	0.06	30	< .15	< .15	1.1	3
18/10/2004	10:10		11.4	7.6		10.2	94	31	1.9	< 20		< 1	0.1	0.06	28	< .15	< .15	1.6	5.9
20/09/2004	10:20		14.6	7.4		10.1	99	31	2.3	< 20		< 1	0.07	0.06	29	< .15	< .15	3.6	6.2
23/08/2004	09:40		17.8	7.3		9.3	98	48	1.7	< 20		< 1	< .05	0.07	26	< .15	< .15	4.5	8.8
19/07/2004	10:45		19.9	7.5		10.3	109	35	1.5	< 20		< 1	< .05	0.09	26	< .15	< .15	4.3	9.2
28/06/2004	10:15		18.8	7.6		9.4	100	40	1.3	< 20		< 1	0.12	0.1	28	< .15	< .15	4.1	10
24/05/2004	10:35		15.0	7.5		10.5	104	32	1.7	< 20		< 1	0.07	0.14	29	< .15	< .15	5.3	9.6
09/02/2004	10:10		7.2	7.6		11.2	91	22	3	< 20		< 1	0.09	0.07	36	< .15	< .15	2.6	5.5
15/12/2003	09:40		9.0	7.7		10.8	93	42	1.6	< 20		< 1	0.08	0.11	32	0.22	< .15	2.7	5.4
20/10/2003	10:10		10.5	7.6		10.2	93	27	< 1	< 20		< 1	< .05	0.07	31	< .15	< .15	3.5	5.7
22/09/2003	09:30		17.8	7.6		7.5	79	54	2.4	< 20		1.1	< .05	0.06	27	< .15	< .15	6.5	8.2
18/08/2003	09:40		20.4	7.7				56	1.3	21		< 1	0.16	0.11	25	< .15	< .15	12	14
21/07/2003	10:15		20.2	11.0		7.6	84	26	2	24		< 1	0.1	0.1	28	< .15	< .15	6.4	6.3
16/06/2003	10:25		22.1	7.5		8.0	92	79	2.5	< 20		< 1	< .05	0.21	32	< .15	< .15	4.3	11
26/05/2003	10:15		14.8	7.6		11.0	108	43	2.9	20		< 1	0.08	0.13	30	< .15	< .15	5.3	7.4
10/02/2003	10:50		8.1	7.5				43	2.3	33		< 1	0.06	0.05	35	0.19	< .15	2.4	4.1



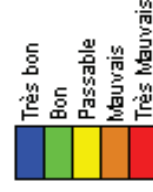
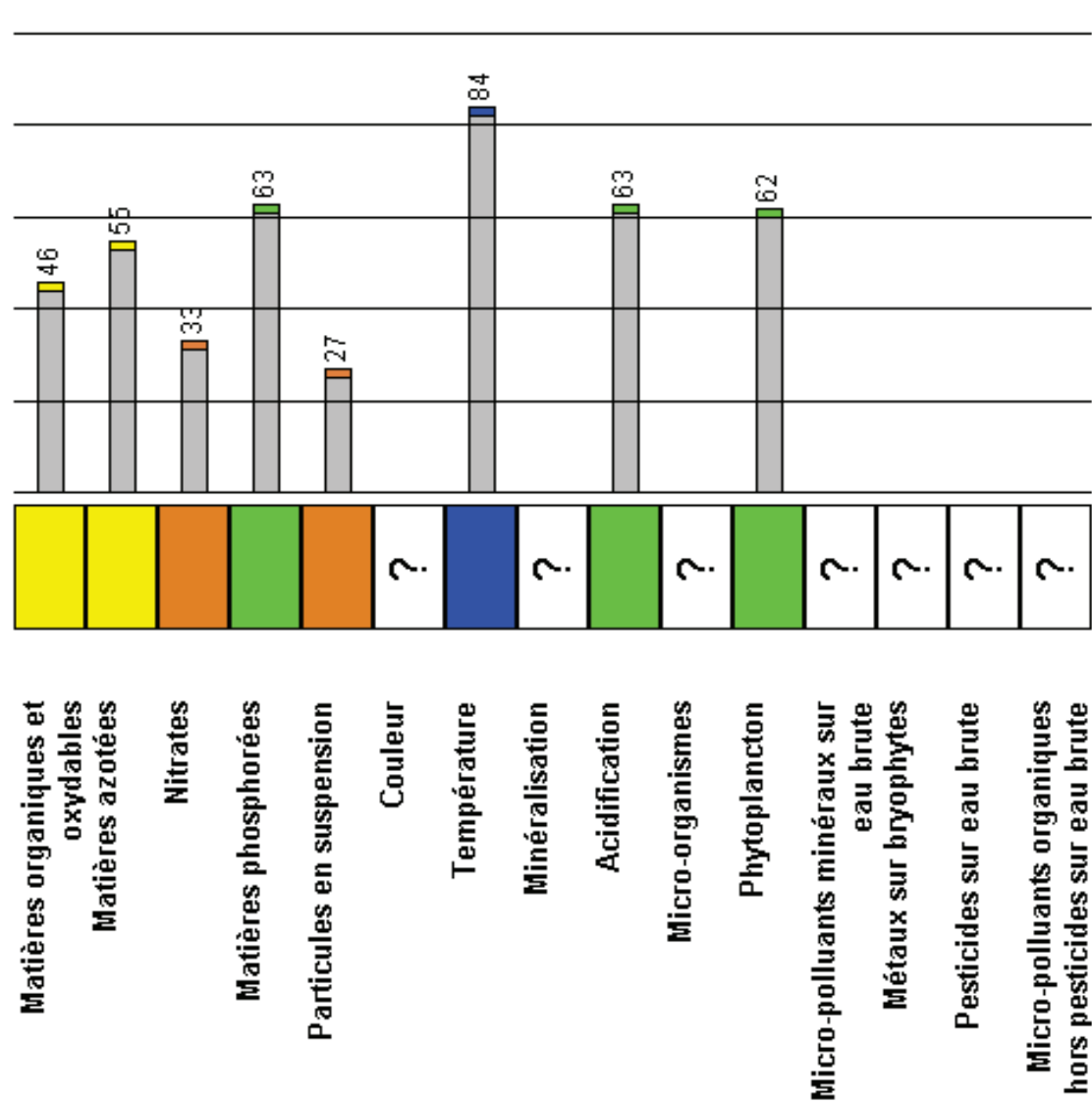
Qualité des eaux

Station : DESCARTES-Esves

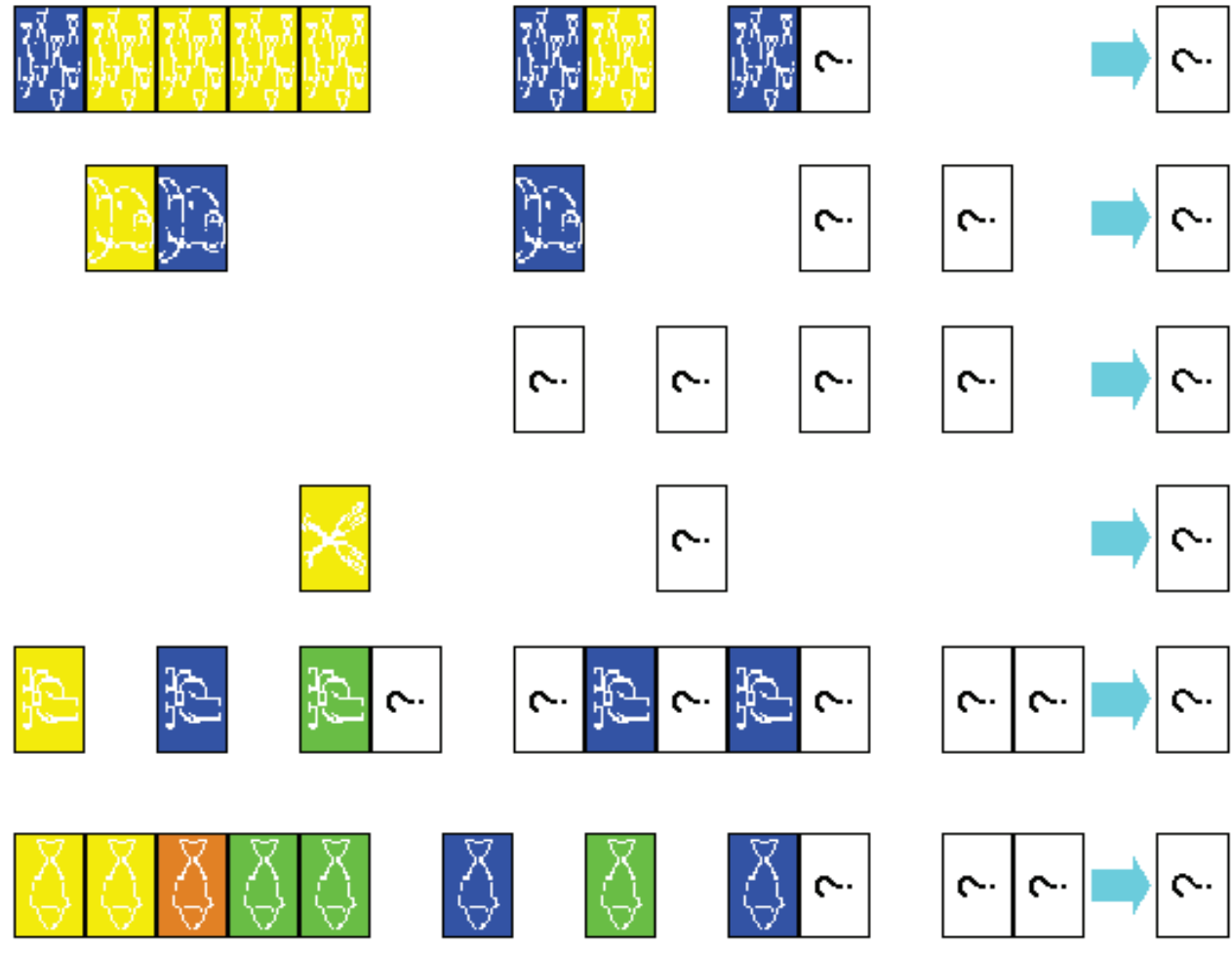
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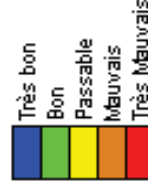
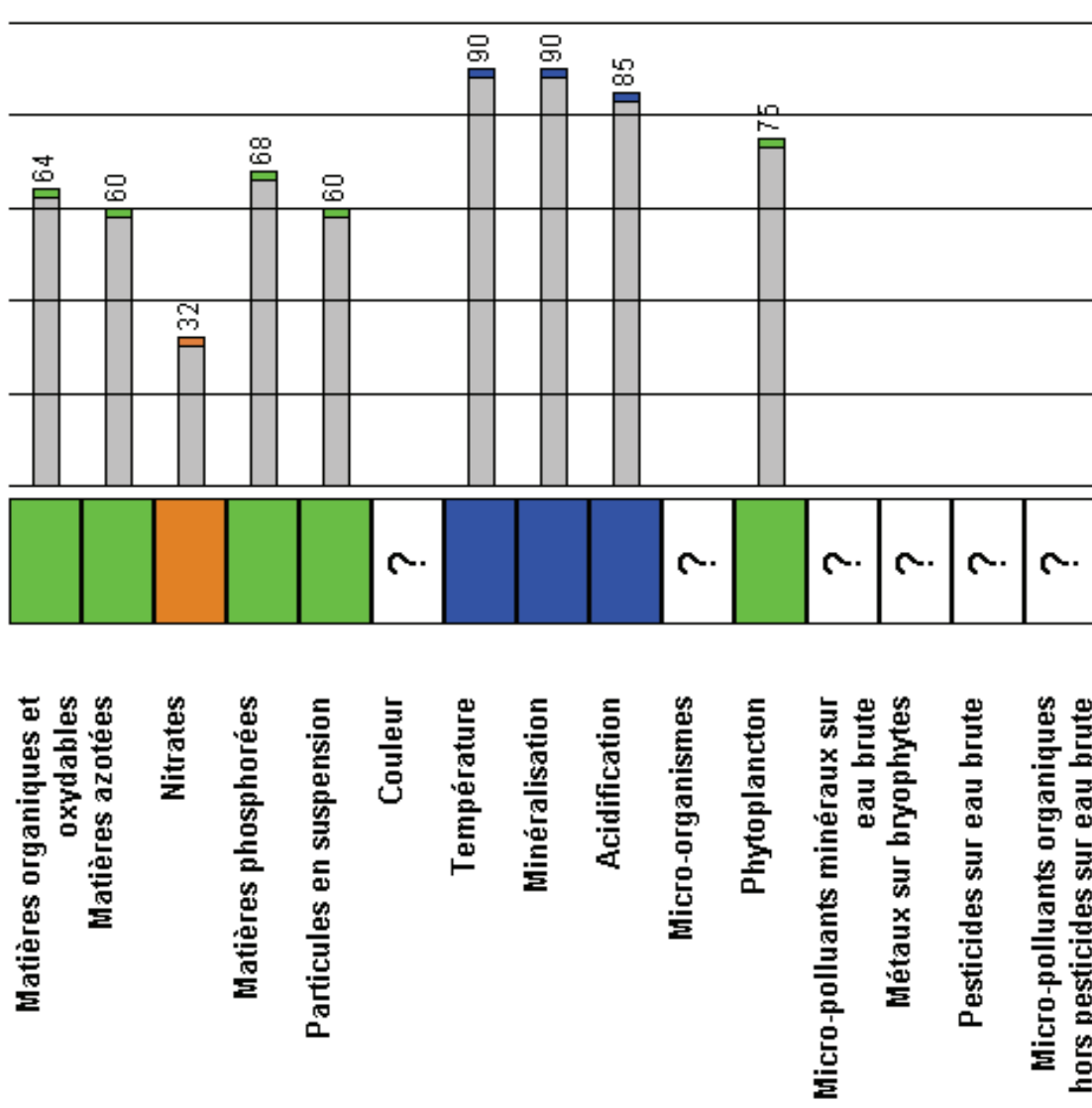
Cours d'eau : ESVES

Date prél.	Heure	Débit m3/s	T°eau °C	pH	Cond.25° µS/cm	O2 dis. mg/l	Sat. O2 %	MES mg/l	DBO5 mg/l	DCO mg/l	COD mg/l	N Kj mg/l	NH4+ mg/l	NO2- mg/l	NO3- mg/l	PO4--- mg/l	P Total mg/l	Chloro. a µg/l	Phéopig. µg/l
09/12/2002	11:05		7,5	7,8	620			35	2,1	20		1,1	0,07	0,06	33	0,21	< .15	2,9	5
21/10/2002	10:55		13,3	7,5	575			24	2,6	< 20		1,7	0,16	0,06	28	< .15	< .15	4,3	4
23/09/2002	10:45		14,7	7,6	564	9,7	96	25	1,6	< 20		1,7	< .05	0,08	26	< .15	< .15	3,1	5,1
19/08/2002	10:35		20,0	7,8	548	9,3	102	35	1,8	< 20		1,4	0,09	0,09	27	< .15	< .15	5,3	8,1
22/07/2002	10:10		18,5	7,5	542	9,5	101	27	3,9	< 20		1,1	< .05	0,09	27	< .15	< .15	4,9	4,7
24/06/2002	10:30		18,4	7,8	558	9,3	98	42	1,9	< 20		1,7	< .05	0,09	29	< .15	< .15	4,3	6,2
27/05/2002	10:45		14,3	7,5	575	10,6	105	40	3,7	< 20		1,1	< .05	0,12	30	< .15	< .15	5,3	9,6
11/02/2002	10:35		10,2	7,8	602	11,2	100	29	2	< 20		1,1	0,09	0,07	30	< .15	< .15	6,2	6,7
17/12/2001	11:35		1,2	8,1	564			12	2,1	< 20		1,1	0,08	0,04	32	< .15	< .15		
22/10/2001	10:20		14,3	8,1	559	9,2	91	82	2	28		1,4	0,09	0,09	28	0,18	< .15	5	10,2
24/09/2001	10:30		12,9	7,8	565	10,2	94	26	2	< 20		< 1	< .05	0,06	30	< .15	< .15	2,7	5,4
20/08/2001	10:25		18,5	7,7	570	9,0	96	22	3	< 20		1,4	< .05	0,07	30	< .15	< .15	6,9	8,4
23/07/2001	10:20		19,7	7,8	570	9,3	102	33	2	< 20		1,1	0,09	0,09	32	< .15	< .15	2,8	6,5
25/06/2001	10:10		20,2	7,7	564			32	2	< 20		1,4	0,09	0,09	33	< .15	< .15	4,6	7,3
28/05/2001	10:30		16,5	7,6	578	11,2	114	17	3	25		1,1	0,03	0,1	35	< .15	< .15	14	11,2
12/02/2001	11:35		10,2	7,6	569	10,6	95	57	3	< 20		1,4	0,08	0,06	32	0,35	< .15	3,7	4,9
11/12/2000	11:20		10,7	7,9		10,5		99	2	29		2,5	0,13	0,15	32	0,27	0,2		
16/10/2000	10:50		12,1	8,5		10,0	94	16	2	< 20		< .5	< .01	0,06	27	0,12	< .2	4,3	5,6
18/09/2000	10:15		14,6	7,7		10,1	100	50	3	29		0,8	0,04	0,05	28	0,18	< .2	8	6
21/08/2000	10:25		16,9	8,1		9,9	102	46	2	< 20		2,5	0,04	0,07	29	< .05	< .2	5	9
17/07/2000	10:10		15,4	7,8		10,3	100	46	2	21		0,6	0,06	0,07	28	0,13	< .2	8,7	9
19/06/2000	10:50		21,0	7,7		9,3	101	43	2	< 20		1,1	0,09	0,08	28	< .05	< .2	6	9
22/05/2000	10:55		14,0	7,6		10,9	98	37	1	< 20		2	0,02	0,07	30	< .05	< .2	7,5	10,5
16/02/2000	10:45		10,0	7,7		11,0	94	114	4	37		2,2	0,2	0,14	34	0,44	< .2	10,7	6,1

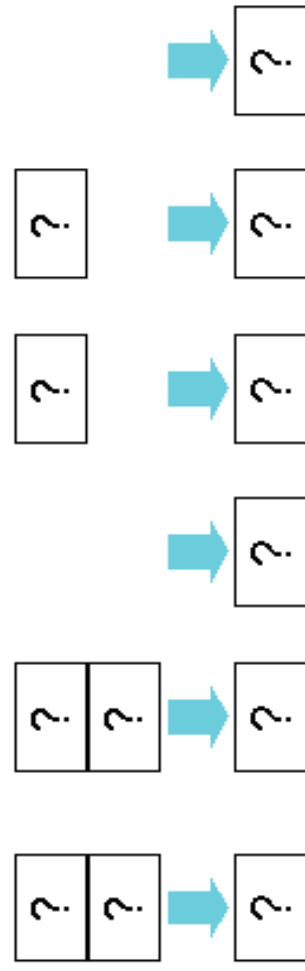
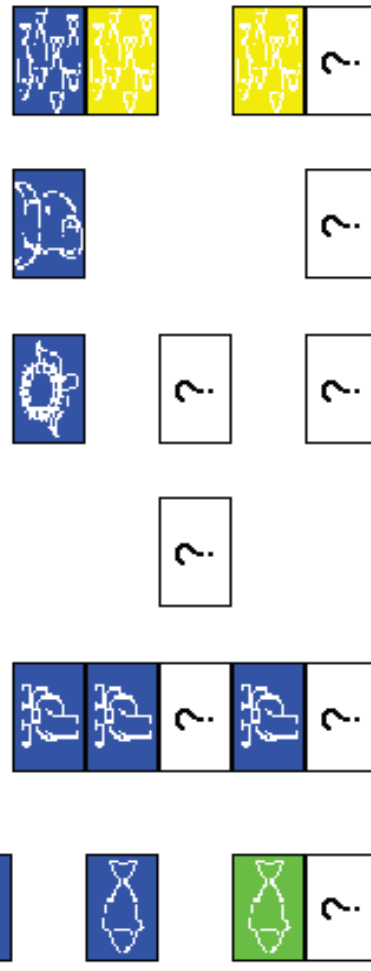


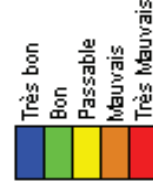
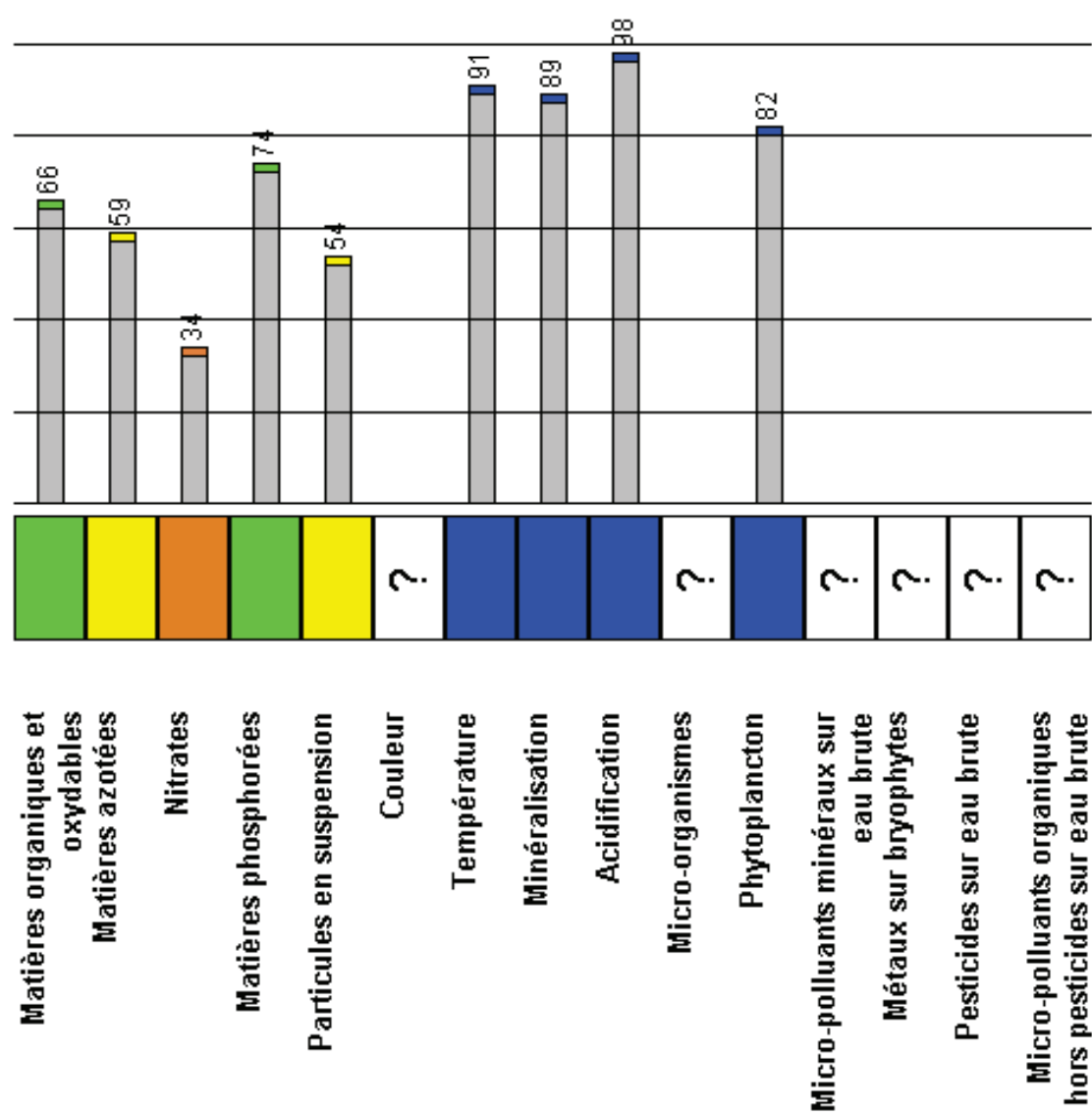
? Altération, fonction ou usage non qualifié



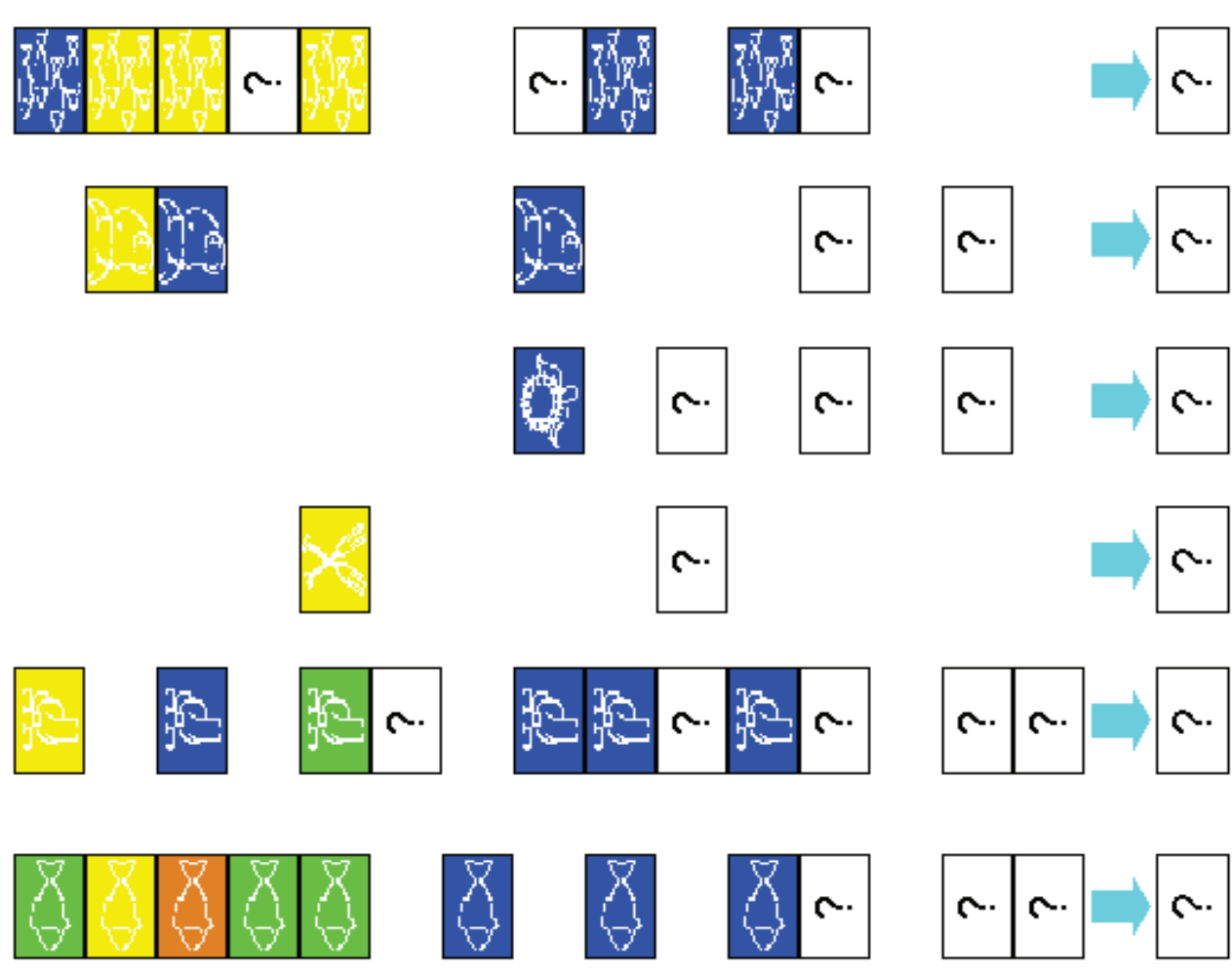


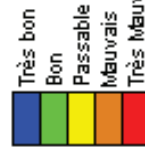
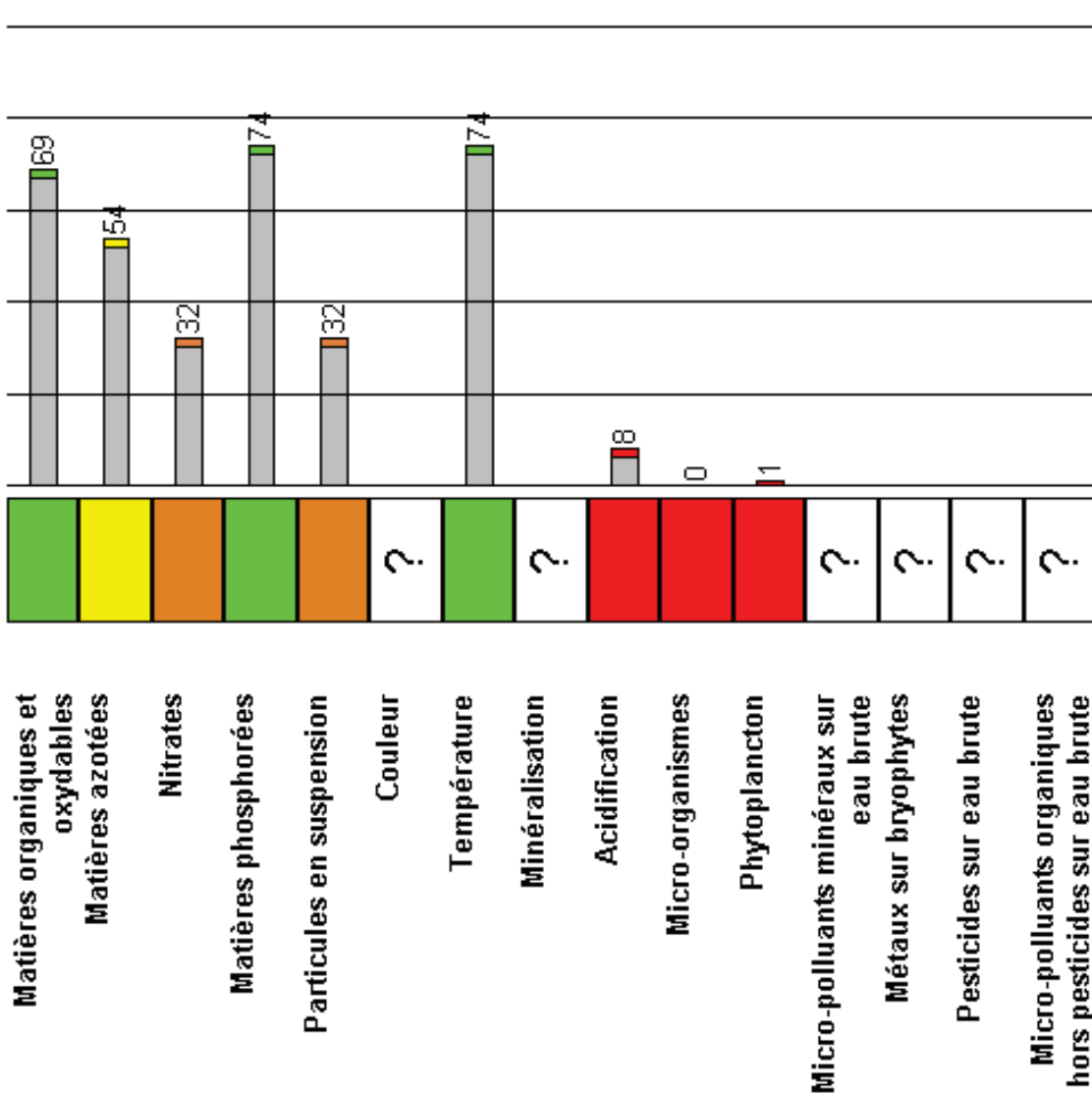
? Altération, fonction ou usage non qualifié



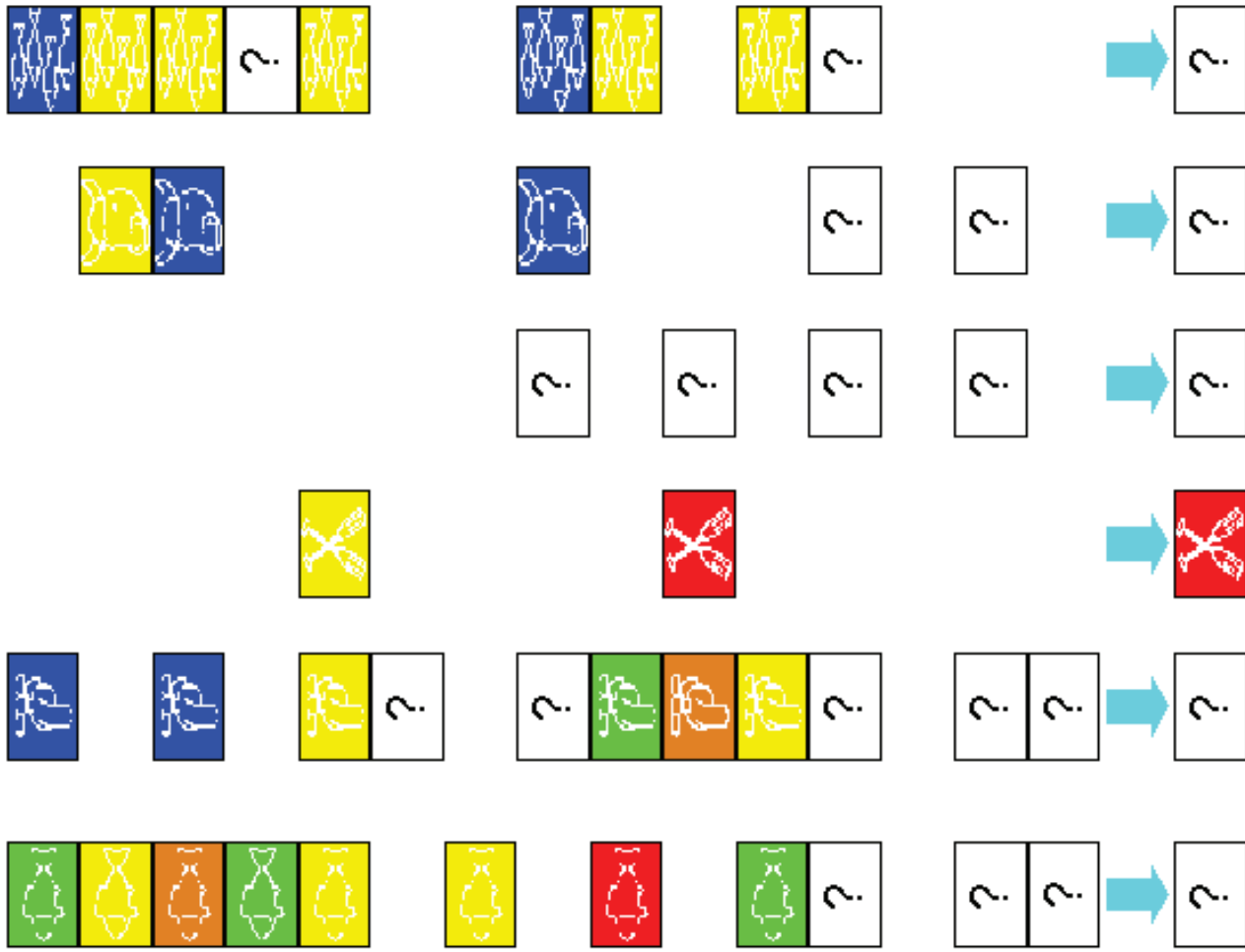


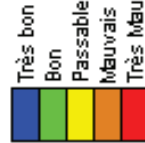
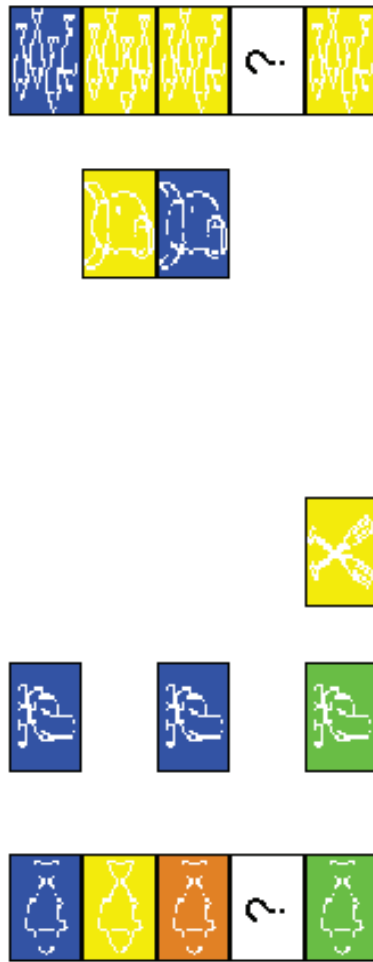
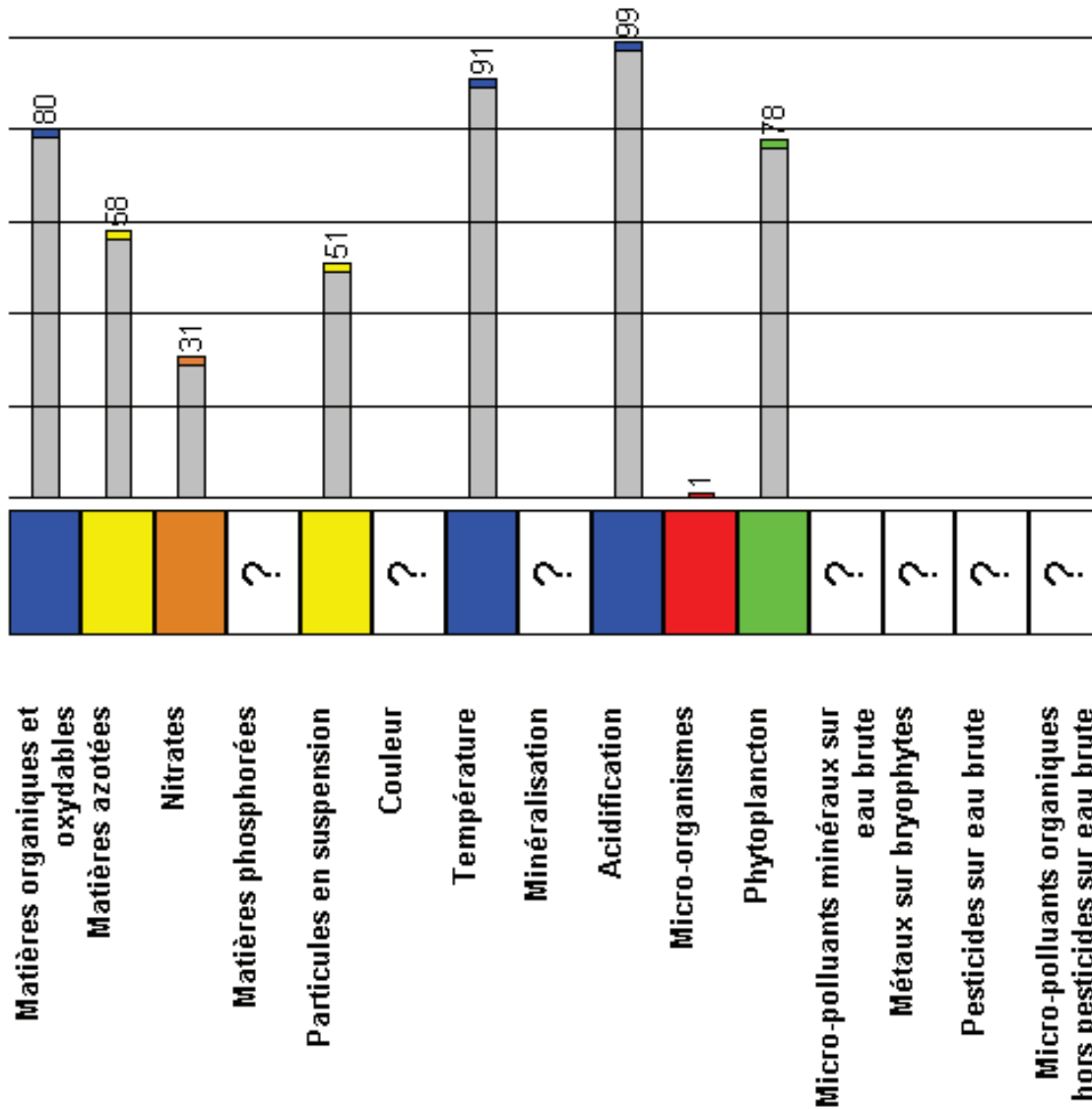
? Altération, fonction ou usage non qualifié





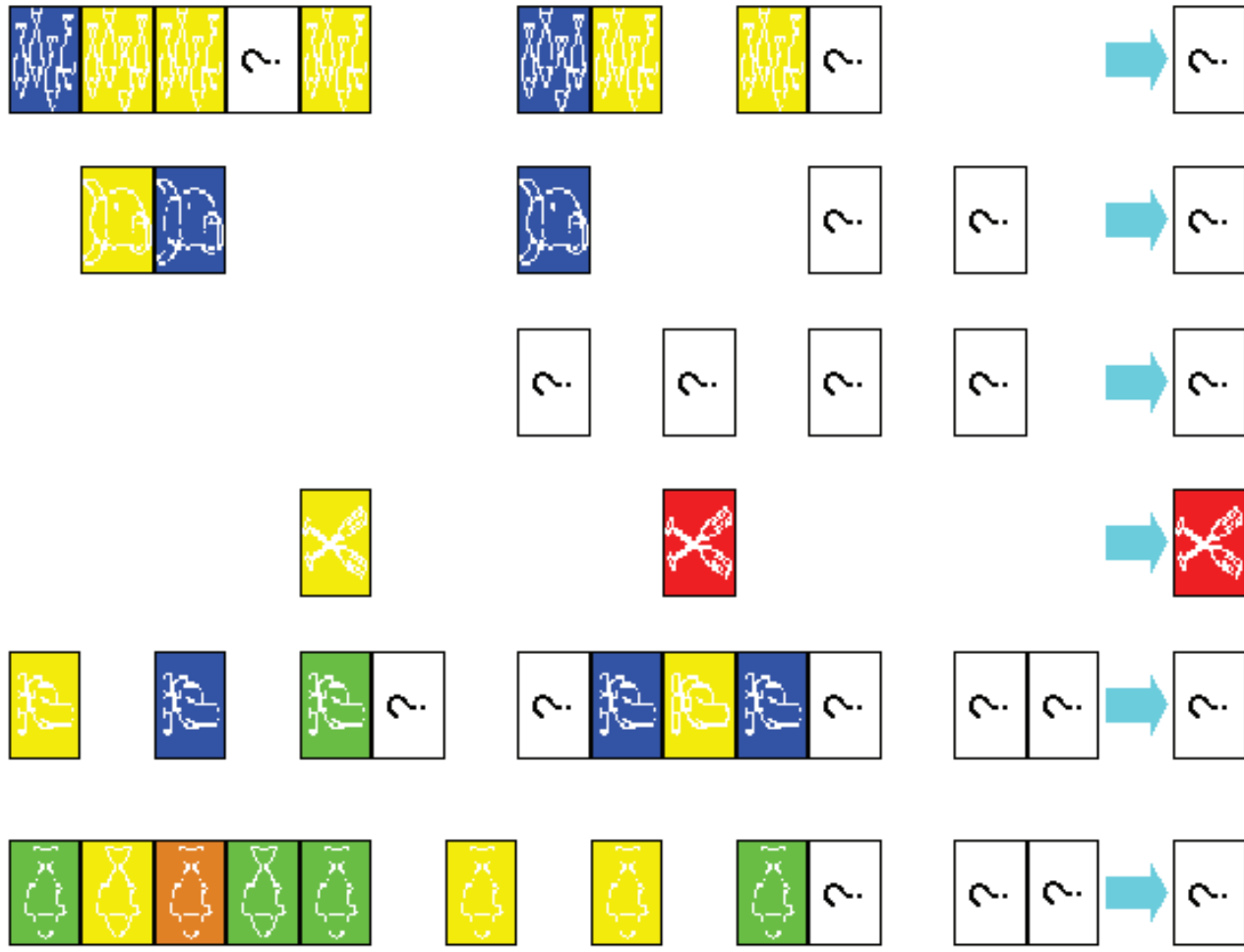
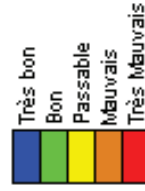
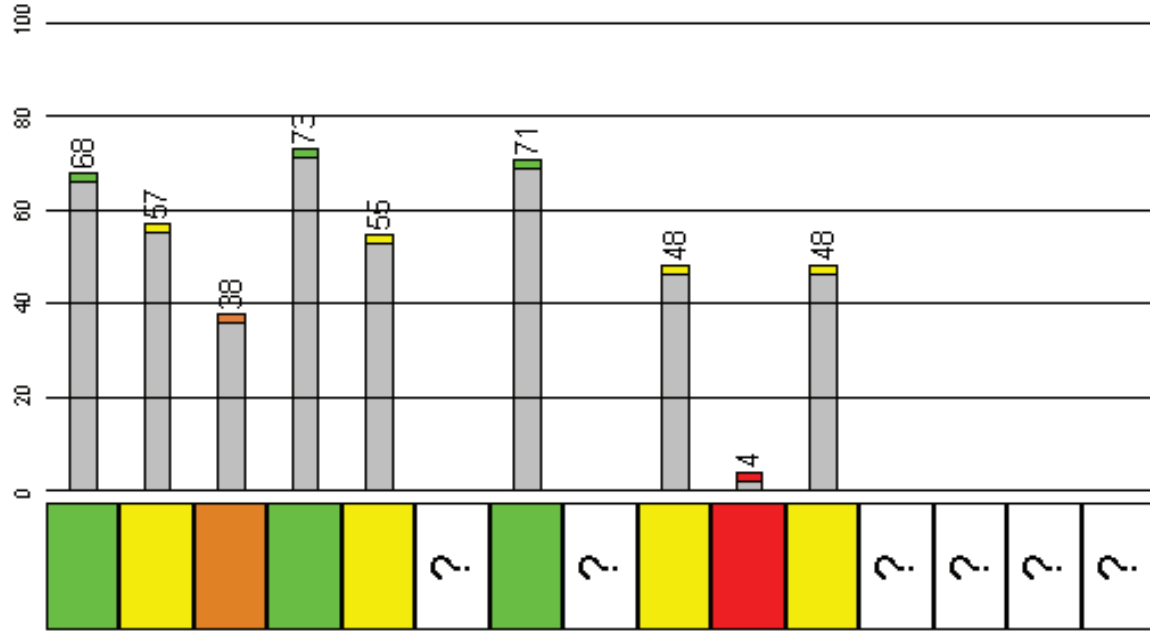
Altération, fonction ou usage non qualifié





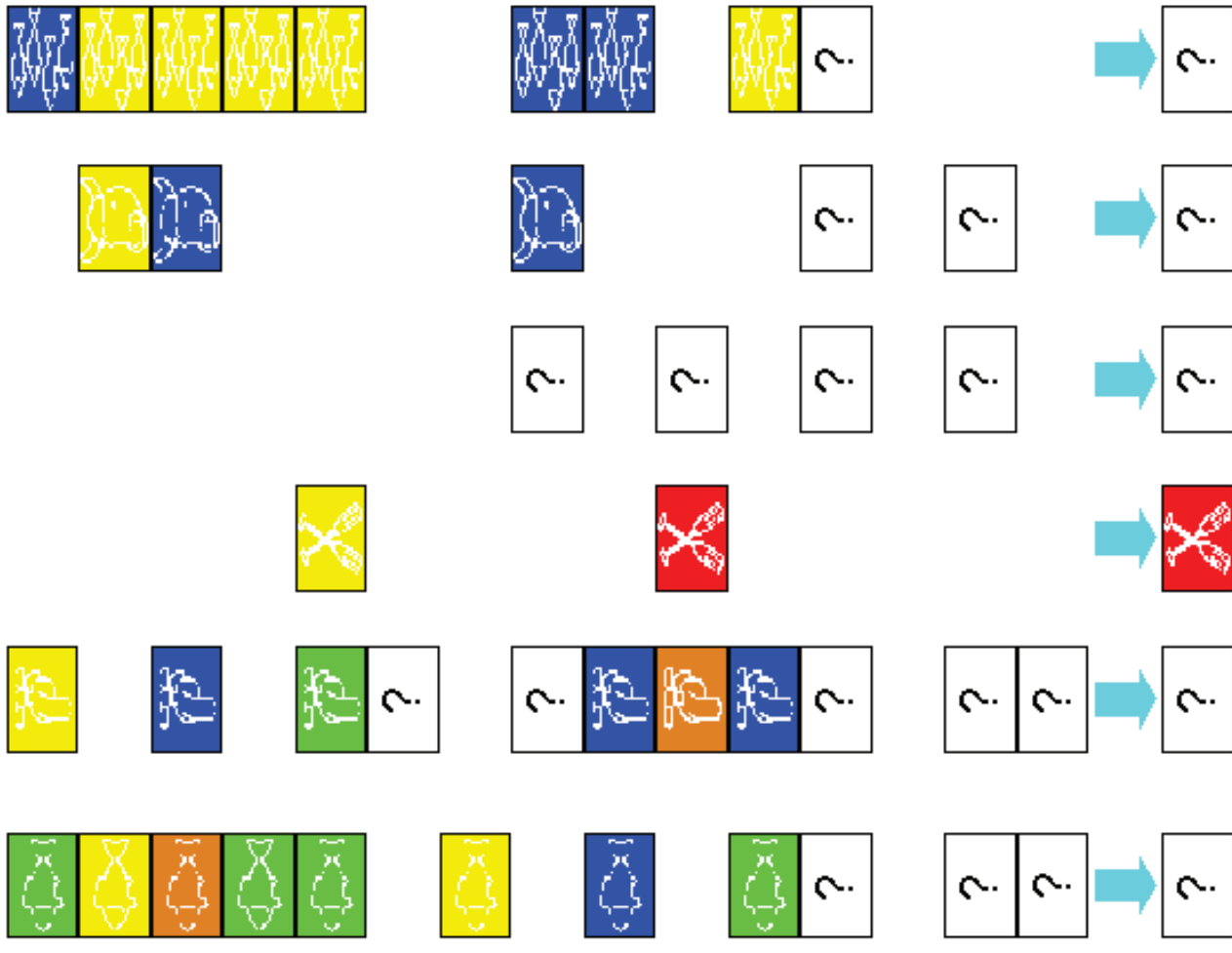
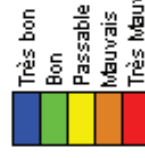
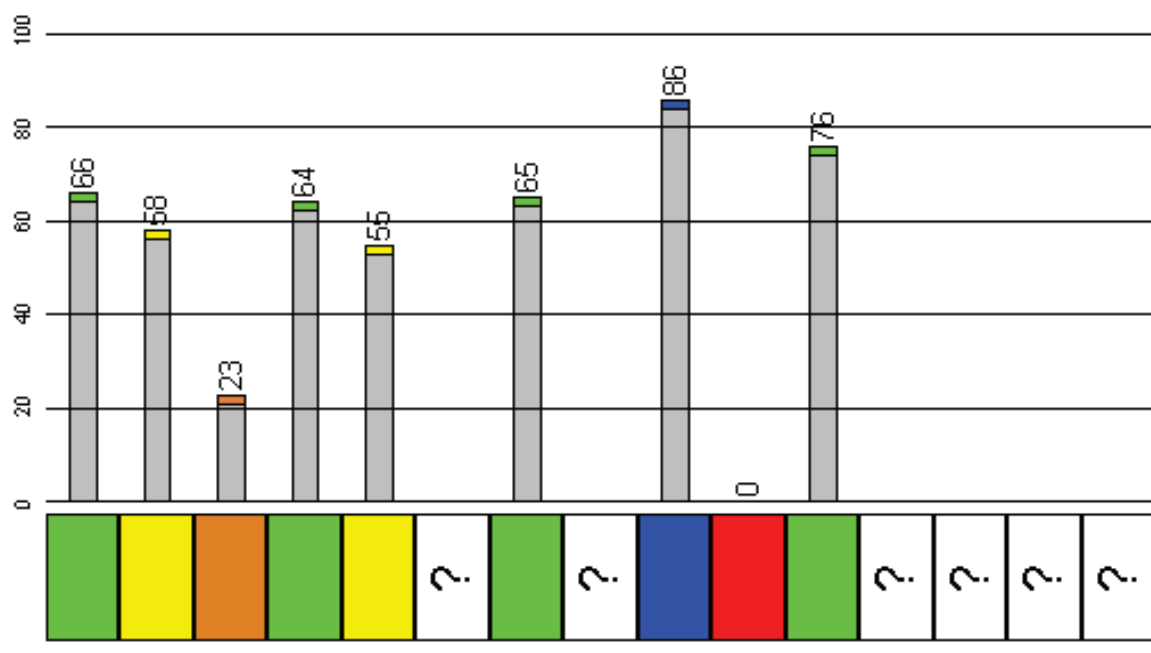
Altération, fonction ou usage non qualifié

Matières organiques et oxydables
Matières azotées
Nitrates
Matières phosphorées
Particules en suspension
Couleur
Température
Minéralisation
Acidification
Micro-organismes
Phytoplancton
Micro-polluants minéraux sur eau brute
Métaux sur bryophytes
Pesticides sur eau brute
Micro-polluants organiques hors pesticides sur eau brute

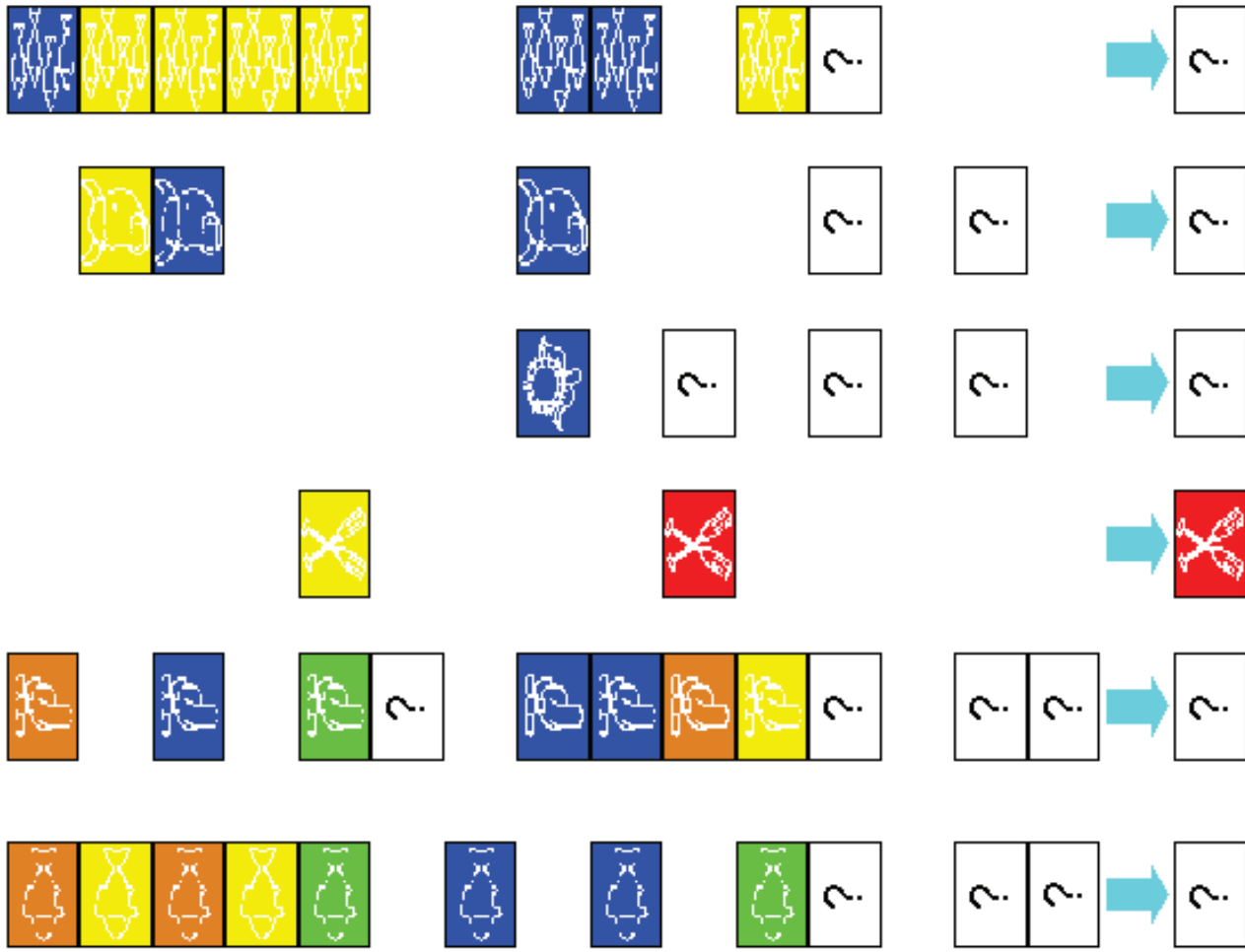
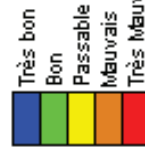
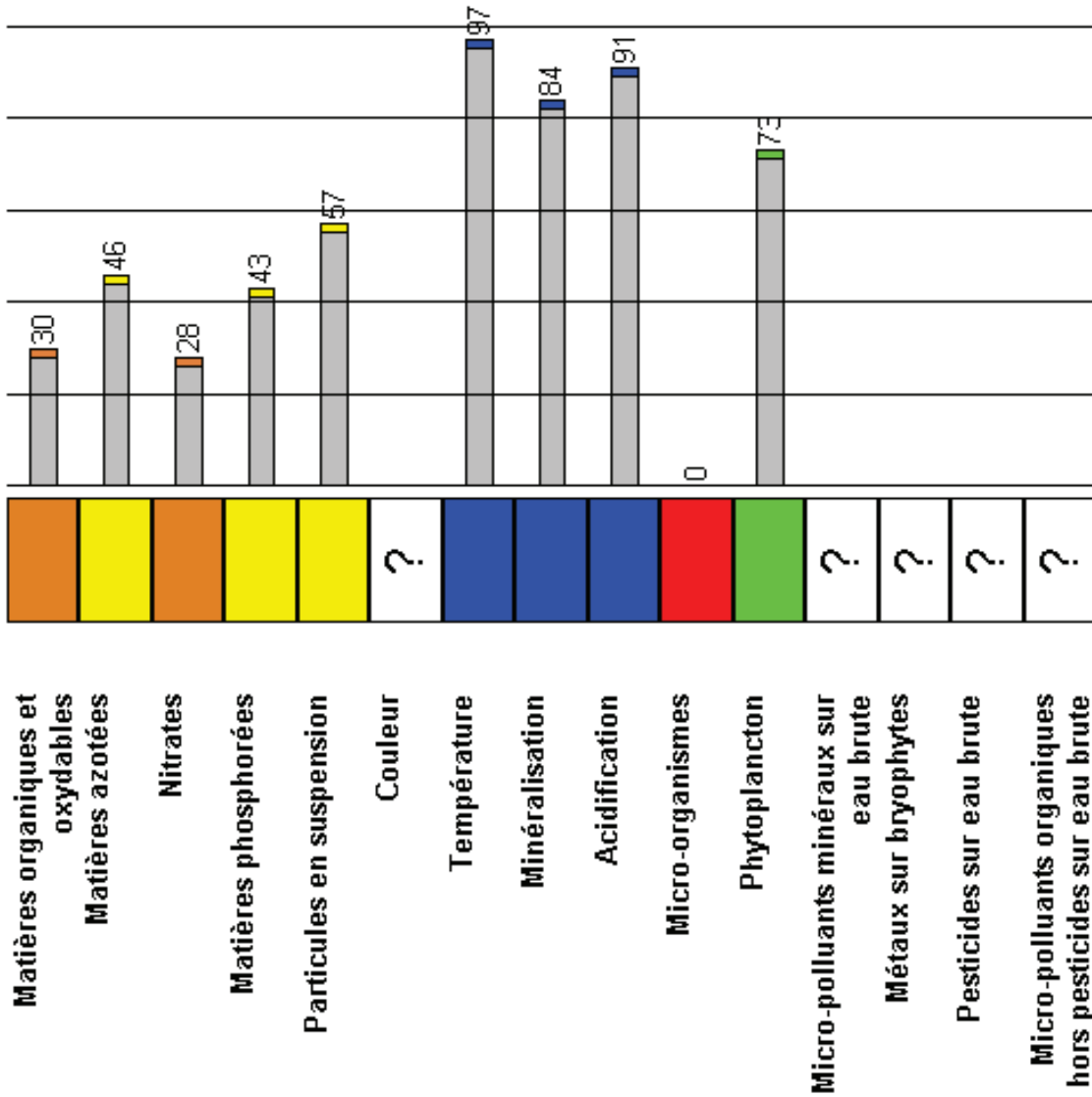


? Altération, fonction ou usage non qualifié

Matières organiques et oxydables
Matières azotées
Nitrates
Matières phosphorées
Particules en suspension
Couleur
Température
Minéralisation
Acidification
Micro-organismes
Phytoplancton
Micro-polluants minéraux sur eau brute
Métaux sur bryophytes
Pesticides sur eau brute
Micro-polluants organiques hors pesticides sur eau brute



Altération, fonction ou usage non qualifié



Altération, fonction ou usage non qualifié

Matières organiques et oxydables

Matières azotées

Nitrates

Matières phosphorées

Particules en suspension

Couleur

Température

Minéralisation

Acidification

Micro-organismes

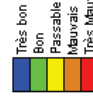
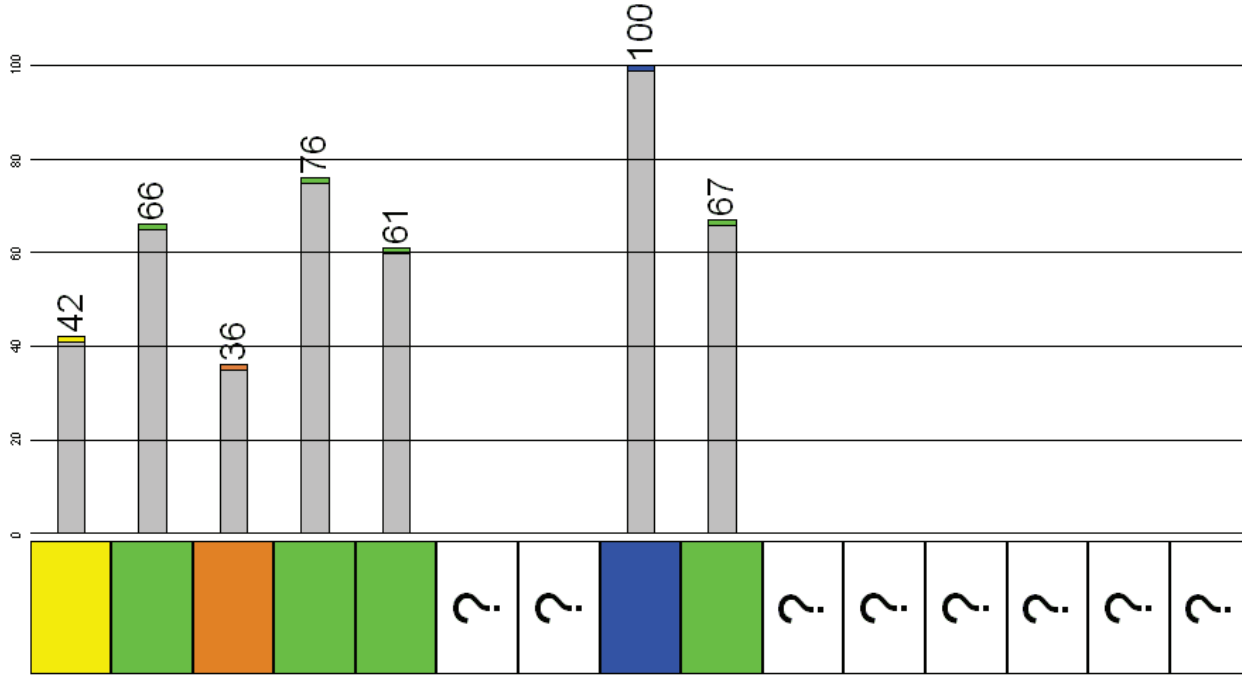
Phytoplancton

Micro-polluants minéraux sur eau brute

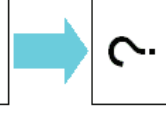
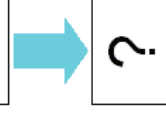
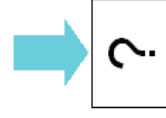
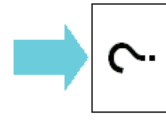
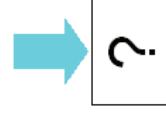
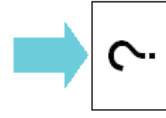
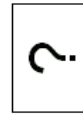
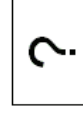
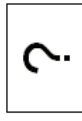
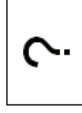
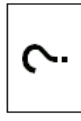
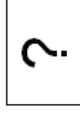
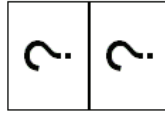
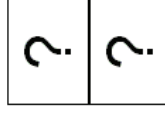
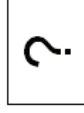
Métaux sur bryophytes

Pesticides sur eau brute

Micro-polluants organiques hors



? Altération, fonction ou usage non qualifié





Rivière :

CREUSE

Station :

04097000
DESCARTES

Commune :

DESCARTES (37115)

Localisation :

Pont sur la RD58

Objectif de qualité : 1B

Catégorie piscicole : 2



Coordonnées géographiques

	X (m)	Y (m)
Lambert II :	475 059	2 220 427
Lambert 93 :	524 735	6 654 976
Altitude (m) :	39	



Qualité des eaux

Station : DESCARTES

Code : 04097000

Cours d'eau : CREUSE

Date pré-l.	Heure	Débit m3/s	T°eau °C	pH	Cond.25° µS/cm	O2 dis. mg/l	Sat. O2 %	MES mg/l	DBO5 mg/l	DCO mg/l	COD mg/l	N Kj mg/l	NH4+ mg/l	NO2- mg/l	NO3- mg/l	PO4--- mg/l	P Total mg/l	Chloro. a µg/l	Phéopig. µg/l
20/11/2008	12:50		10.3	7.6	259	10.0	90	12	3.2		7.4	2.3	0.06	0.03	10	0.13	0.07		
29/09/2008	12:07		15.2	7.9	361	6.6	64	5	3		6.6	1.2	0.06	< .02	11	0.05	< .05		
27/08/2008	10:40		19.3	7.7	280	5.5	58	2	1.6		6.5	1.5	< .05	0.02	10	0.13	0.05		
23/07/2008	10:05		20.1	7.8	308	5.0	57	< 2	2		7.6	1.6	0.1	0.03	10	< .05	< .05		
28/05/2008	13:00		16.0	6.8	162	6.3	63	98	4.2		11.0	1.6	0.12	0.05	6	0.13	0.18		
02/04/2008	11:10		10.2	8.4	190	5.4	47	17	3.2		9.4	1.6	< .05	0.03	9	0.08	0.07		
20/08/2007	10:30		19.0	7.9	347	8.9	98	3	< 1	12		1.1	0.1	0.03	11	< .15	< .15	1.1	2.4
23/07/2007	10:25		20.6	7.7	266	8.3	95	7	1.6	19		1.4	0.06	0.03	10	< .15	< .15	< 1	2.8
19/06/2007	10:25		18.5	7.4	210	8.5	92	27	2.6	27		1.4	0.13	0.08	9	0.21	< .15	2.1	8.7
21/05/2007	10:40		17.8	7.7	286	8.7	92	2	1.5	16		1.1	0.09	0.05	10	< .15	< .15	16	8.7
12/02/2007	10:50		8.4	7.6	182	11.5	100	101	1.7	37		1.7	0.11	0.23	14	0.25	0.16	7.7	16
11/12/2006	11:00		8.3	7.8		10.4	88	31	1.4	20		1.7	0.12	0.1	8	0.16	< .15	3.1	8
23/10/2006	10:40		15.9	7.9		9.7	101	14	2.2	20		1.1	0.06	0.06	10	< .15	< .15	5.9	6.6
18/09/2006	11:05		19.2	7.2		9.3	102	5	1.5	< 20		< 1	0.05	0.01	6	< .15	< .15	5.9	4.4
21/08/2006	10:45		20.5	7.7				3	2.1	< 20		< 1	0.15	0.04	6	< .15	< .15	6.8	4
17/07/2006	10:40		27.0	8.5				13	5	< 20		2	0.4	0.06	5	< .15	< .15	67	12
19/06/2006	10:40		25.9	8.0				< 2	2.2	< 20		1.7	0.1	0.06	8	< .15	< .15	31	18
29/05/2006	10:30		17.6	7.1		10.0	105	8	2.1	< 20		1.1	0.13	0.05	8	< .15	< .15	15	7
13/02/2006	10:50		4.5	7.6		12.9	99	6	3.2	< 20		1.1	< .05	0.05	14	< .15	< .15	2.8	1.7



Qualité des eaux

Station : DESCARTES

Code : 04097000

Cours d'eau : CREUSE

Date prél.	Heure	Débit m3/s	T°eau °C	pH	Cond.25° µS/cm	O2 dis. mg/l	Sat. O2 %	MES mg/l	DBO5 mg/l	DCO mg/l	COD mg/l	N Kj mg/l	NH4+ mg/l	NO2- mg/l	NO3- mg/l	PO4--- mg/l	P Total mg/l	Chloro. a µg/l	Phéopig. µg/l
12/12/2005	10:50		5.3	7.4		11.9	94	16	2.9	< 20		< 1	0.12	0.06	16	< .15	< .15	2.7	5
24/10/2005	10:25		15.3	7.4		9.0	90	< 2	2	< 20		1.4	0.1	0.04	8	< .15	< .15	1.1	1.7
19/09/2005	11:00		16.1	7.1				< 2	2.2	< 20		1.7	< .05	< .01	7	< .15	< .15	2.9	4.7
22/08/2005	10:50		19.4	7.3		8.1	93	< 2	1.6	< 20		< 1	0.11	0.03	8	< .15	< .15	< 1	1.7
25/07/2005	10:20		21.4	7.5		9.2	105	2	2.4	< 20		< 1	0.07	0.02	9	< .15	< .15	1.5	2.8
20/06/2005	10:50		24.1	7.1		6.2	74	3	2	< 20		< 1	0.12	0.08	11	< .15	< .15	1.5	3.6
23/05/2005	10:45		17.0	7.2		9.6	99	3	< 1	< 20		< 1	0.08	0.04	10	< .15	< .15	2.7	3.2
14/02/2005	10:50		6.8	7.2		11.2	93	27	3.1	< 20		< 1	0.15	0.09	9	< .15	< .15	6.1	7.8
13/12/2004	10:25		5.3	7.2		11.8	92	4	2.4	< 20		1.1	0.11	0.03	14	0.2	0.16	< 1	< 1
18/10/2004	09:55		12.9	7.2		9.8	93	5	2	22		< 1	0.18	0.03	9	< .15	< .15	4.9	5.5
20/09/2004	10:10		16.4	7.2		9.4	96	4	2.7	< 20		< 1	0.07	0.02	12	< .15	< .15	1.1	1.5
23/08/2004	09:30		19.9	6.8		8.6	95	8	1.9	< 20		< 1	0.1	0.06	10	0.21	0.18	2.3	3.8
19/07/2004	10:30		21.9	7.4		8.3	91	< 2	1.3	< 20		< 1	0.11	0.06	10	< .15	< .15	1.1	1.9
28/06/2004	10:05		20.7	7.4		8.3	92	< 2	< 1	< 20		1.7	0.06	0.05	12	< .15	< .15	< 1	1.8
24/05/2004	10:25		17.4	7.1		9.2	96	2	1.7	< 20		< 1	0.1	0.04	12	< .15	< .15	5.3	5.9
09/02/2004	09:50		7.5	7.3		11.7	96	5	2.9	< 20		< 1	0.07	0.05	18	< .15	< .15	3.3	2.4
15/12/2003	09:30		8.4	7.3		11.3	96	5	1.6	< 20		< 1	0.07	0.04	15	< .15	< .15	2.1	3.7
20/10/2003	10:00		13.0	7.9		8.8	85	8	< 1	< 20		< 1	0.12	0.05	13	< .15	< .15	8.5	4.6
22/09/2003	09:15		19.9	7.5		7.8	86	4	3.4	< 20		1.4	< .05	0.04	9	< .15	< .15	1.7	< 1
18/08/2003	09:30		25.0	7.7				2	< 1	< 20		< 1	0.21	0.05	8	< .15	< .15	2.6	2.2
21/07/2003	10:00		24.8	9.0		7.5	91	2	2	< 20		< 1	< .05	0.04	11	< .15	< .15	14	< 1
16/06/2003	10:10		24.4	7.8		7.3	88	6	1.9	< 20		< 1	< .05	0.04	14	< .15	< .15	2.1	5.3
26/05/2003	10:05		16.2	7.3		10.0	101	12	2.7	< 20		< 1	< .05	0.08	11	< .15	< .15	13	8.1
10/02/2003	10:30		5.8	7.0				24	3	27		< 1	0.13	0.05	11	0.17	< .15	5.1	< 1



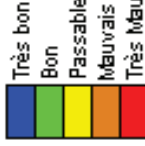
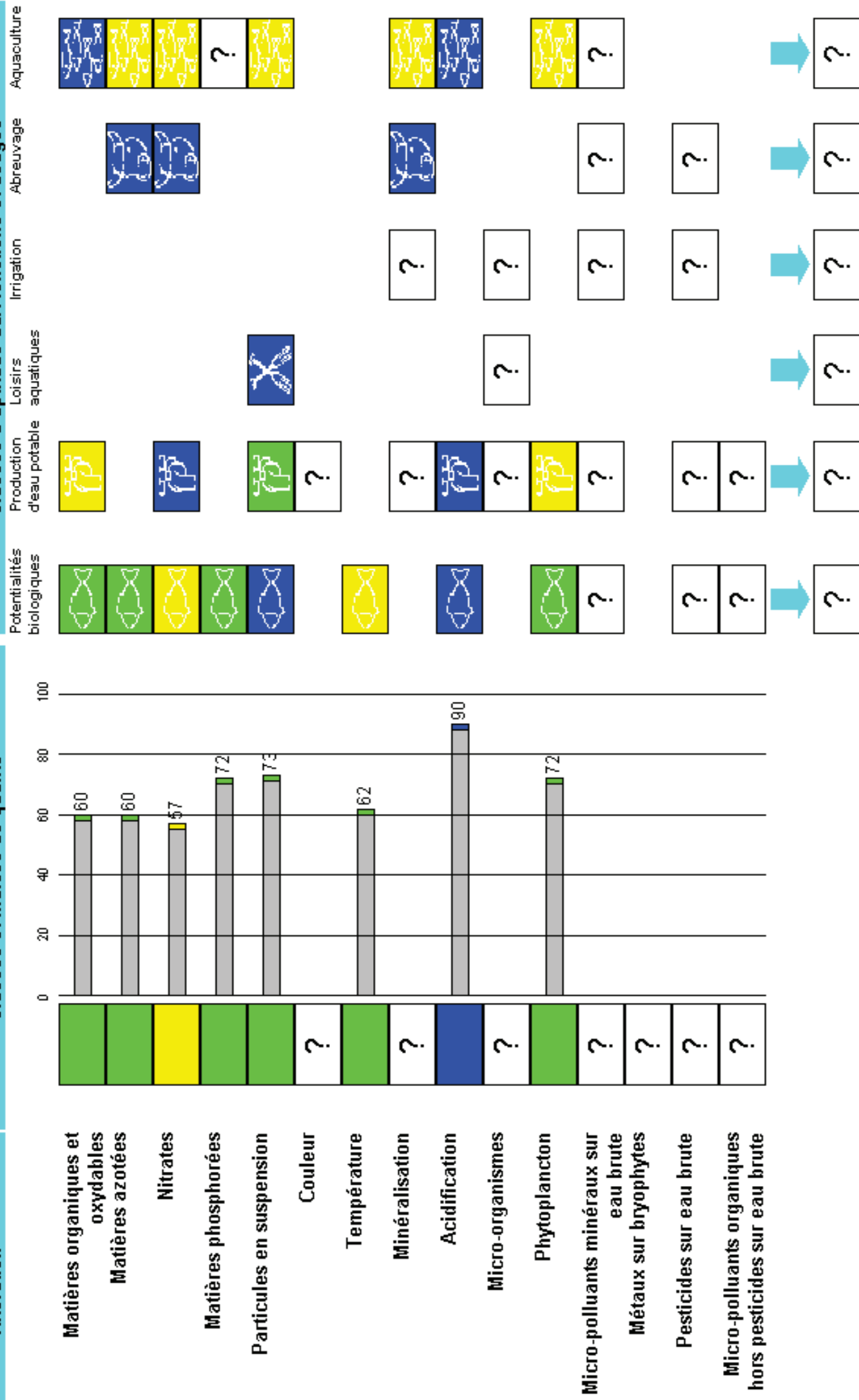
Qualité des eaux

Station : DESCARTES

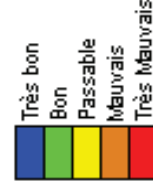
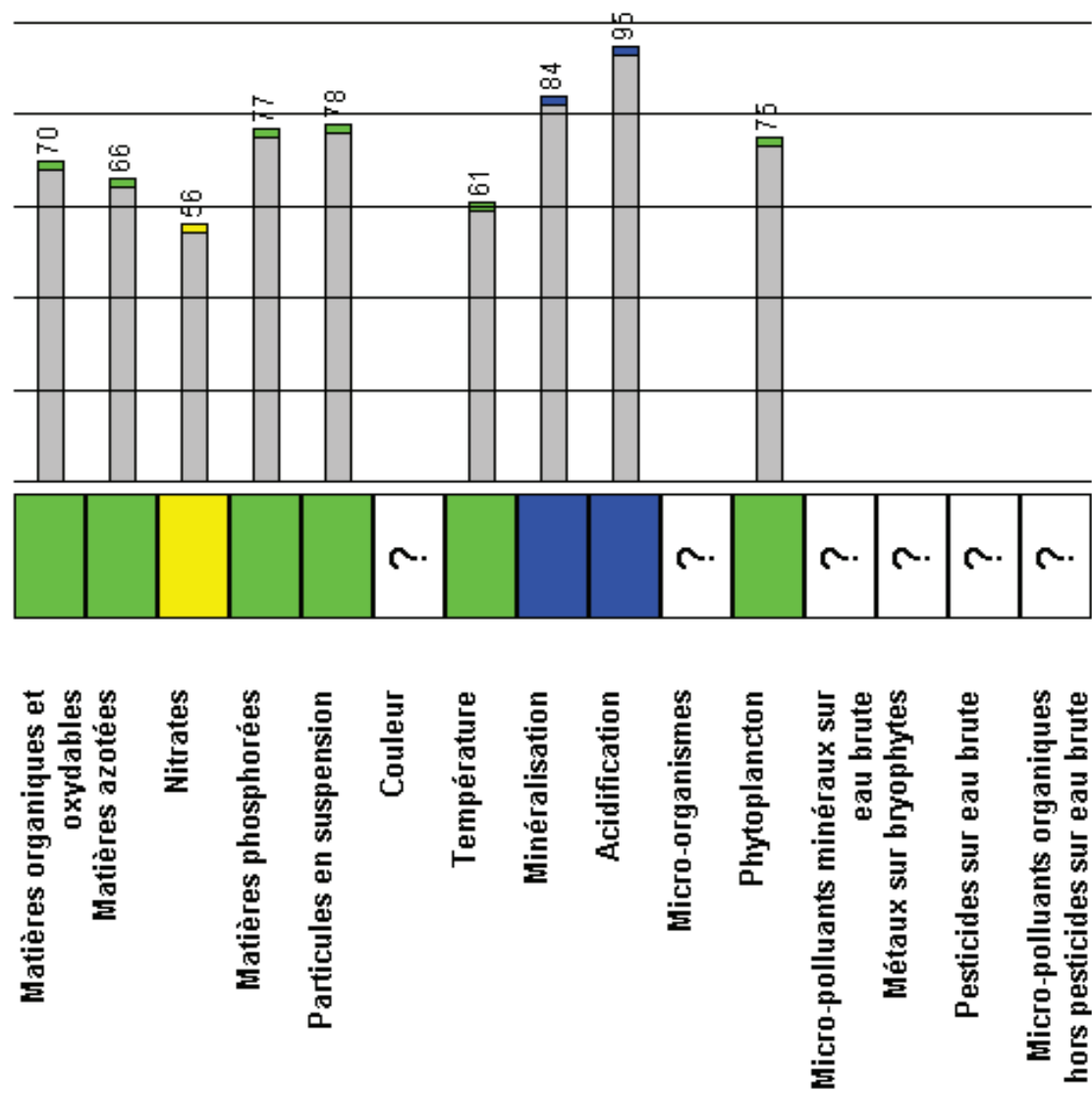
Code : 04097000

Cours d'eau : CREUSE

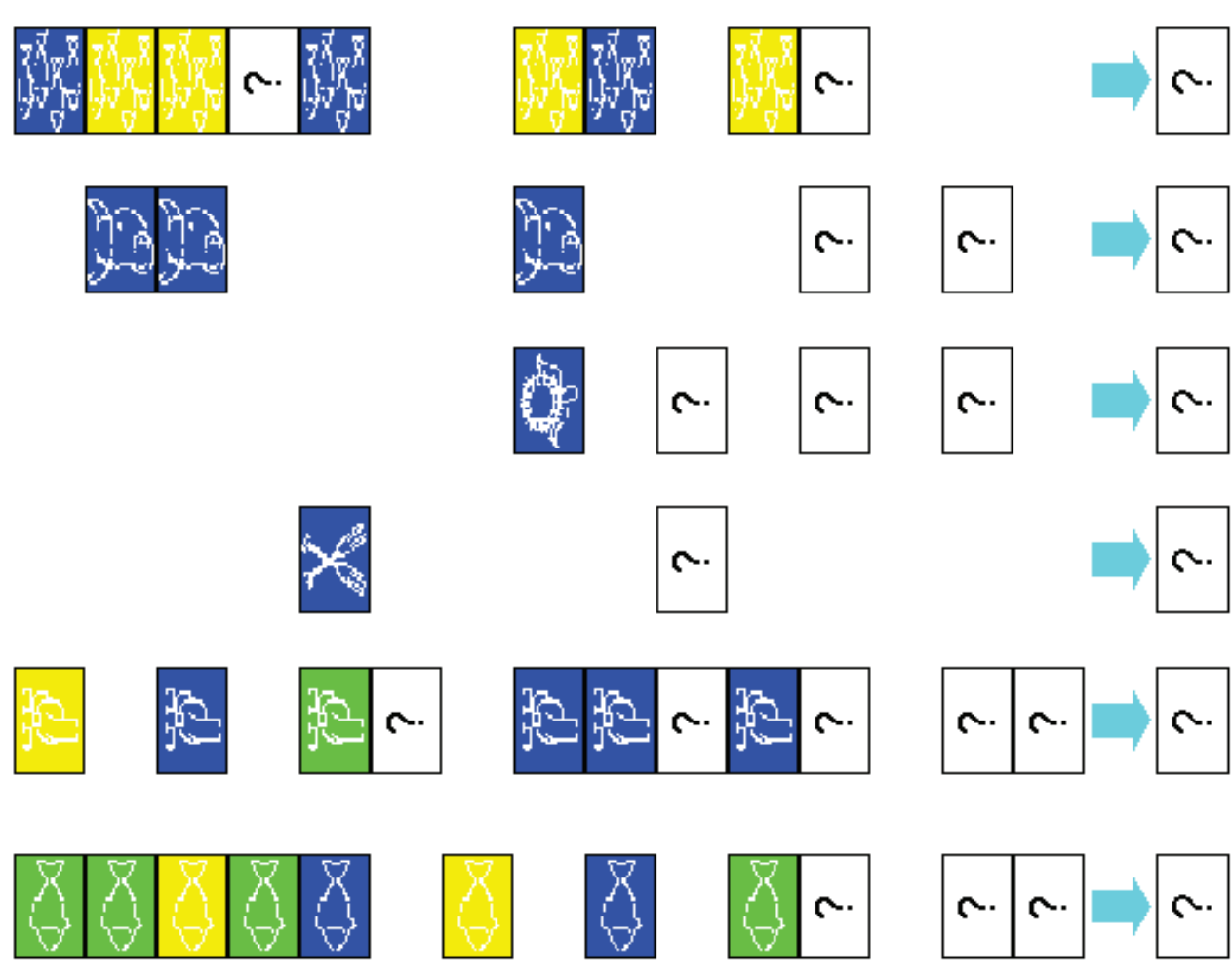
Date pré-l.	Heure	Débit m3/s	T°eau °C	pH	Cond.25° µS/cm	O2 dis. mg/l	Sat. O2 %	MES mg/l	DBO5 mg/l	DCO mg/l	COD mg/l	N Kj mg/l	NH4+ mg/l	NO2- mg/l	NO3- mg/l	PO4--- mg/l	P Total mg/l	Chloro. a µg/l	Phéopig. µg/l
09/12/2002	10:55		7,2	7,3	217			18	2,3	20		1,4	0,07	0,05	12	0,16	< .15	3	5,6
21/10/2002	10:38		13,4	7,3	306			5	2,2	< 20		1,7	< .05	0,02	9	< .15	< .15	5,3	5,1
23/09/2002	10:35		17,5	7,8	501	9,1	96	8	1,1	24		1,7	0,08	0,04	7	< .15	< .15	2	6,9
19/08/2002	10:25		23,4	7,5	317	7,5	88	< 2	2	< 20		1,7	0,09	0,05	8	< .15	< .15	5,9	5,8
22/07/2002	10:11		22,8	7,3	296	8,9	103	11	4,6	46		1,4	< .05	0,02	8	< .15	< .15	38	12
24/06/2002	10:15		22,4	7,4	316	7,3	83	7	2	< 20		1,1	0,06	0,03	11	< .15	< .15	4,3	5,4
27/05/2002	10:30		16,7	7,2	252	9,6	100	10	3,6	< 20		< 1	< .05	0,06	10	< .15	< .15	5,3	10
11/02/2002	10:20		9,4	7,3	238	11,5	101	13	3	< 20		1,1	< .05	0,04	12	< .15	< .15	5,2	5,1
17/12/2001	11:25		1,9	7,9	267			9	2,6	< 20		1,4	< .05	0,04	13	< .15	< .15		
22/10/2001	10:10		15,8	7,9	300	9,1	93	21	2	31		1,1	0,08	0,05	10	< .15	< .15	12,6	11,6
24/09/2001	10:20		15,5	7,5	230	9,4	95	9	2	21		< 1	0,05	0,04	9	< .15	< .15	2,7	6,7
20/08/2001	10:10		21,0	7,7	326	8,5	96	7	3	23		< 1	< .05	0,04	11	< .15	< .15	14,8	8,6
23/07/2001	10:10		21,2	7,5	238	8,6	97	5	2	< 20		< 1	0,08	0,03	11	< .15	< .15	8,8	3,5
25/06/2001	09:55		23,4	7,6	282			7	3	20		1,7	0,06	0,05	5	< .15	< .15	21,6	10,9
28/05/2001	10:15		19,6	7,5	251	9,7	106	7	4	22		1,4	0,02	0,03	12	< .15	< .15	13,4	4,2
12/02/2001	11:20		8,9	7,3	240	11,5	100	17	2	< 20		1,4	0,08	0,05	12	0,16	< .15	2,7	7,2
11/12/2000	11:05	128,000	10,3	7,6		11,1		21	2	< 20		1,7	0,08	0,06	10	0,27	< .2		
16/10/2000	10:40	50,900	13,3	8,0		9,7	94	13	2	26		1,1	0,06	0,04	7	0,15	< .2	10,7	8,5
18/09/2000	10:05	18,400	18,2	7,6		9,0	96	12	3	< 20		1,1	0,02	0,04	9	< .05	< .2	15	10
21/08/2000	10:05	17,100	21,3	7,9		8,5	96	10	4	32		2	0,06	0,04	9	< .05	< .2	17	10
17/07/2000	10:25	45,000	17,8	7,3		9,0	92	12	1	29		< .5	0,06	0,03	12	0,1	< .2	7,6	4,5
19/06/2000	10:30	29,600	23,8	7,8		8,8	100	11	3	20		1,1	0,08	0,05	8	< .05	< .2	30	14
22/05/2000	10:40	75,200	16,5	7,3		9,6	99	12	1	20		1,7	0,01	0,04	9	0,18	< .2	8,5	5,7
16/02/2000	10:30	177,000	8,0	7,6		11,8	96	17	4	< 20		1,4	0,12	0,09	11	0,2	< .2	7,5	1,5

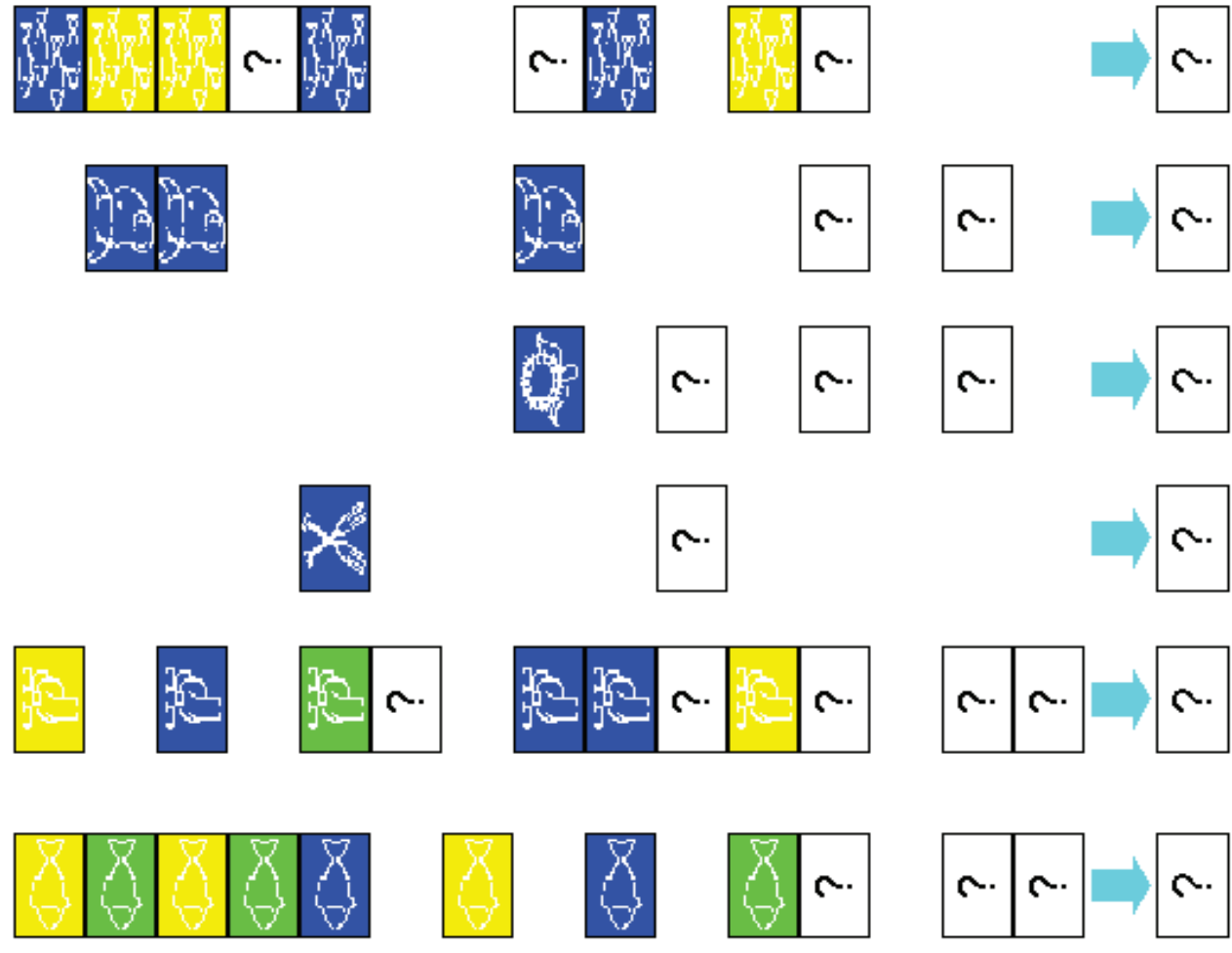
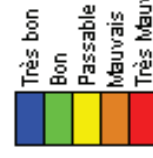
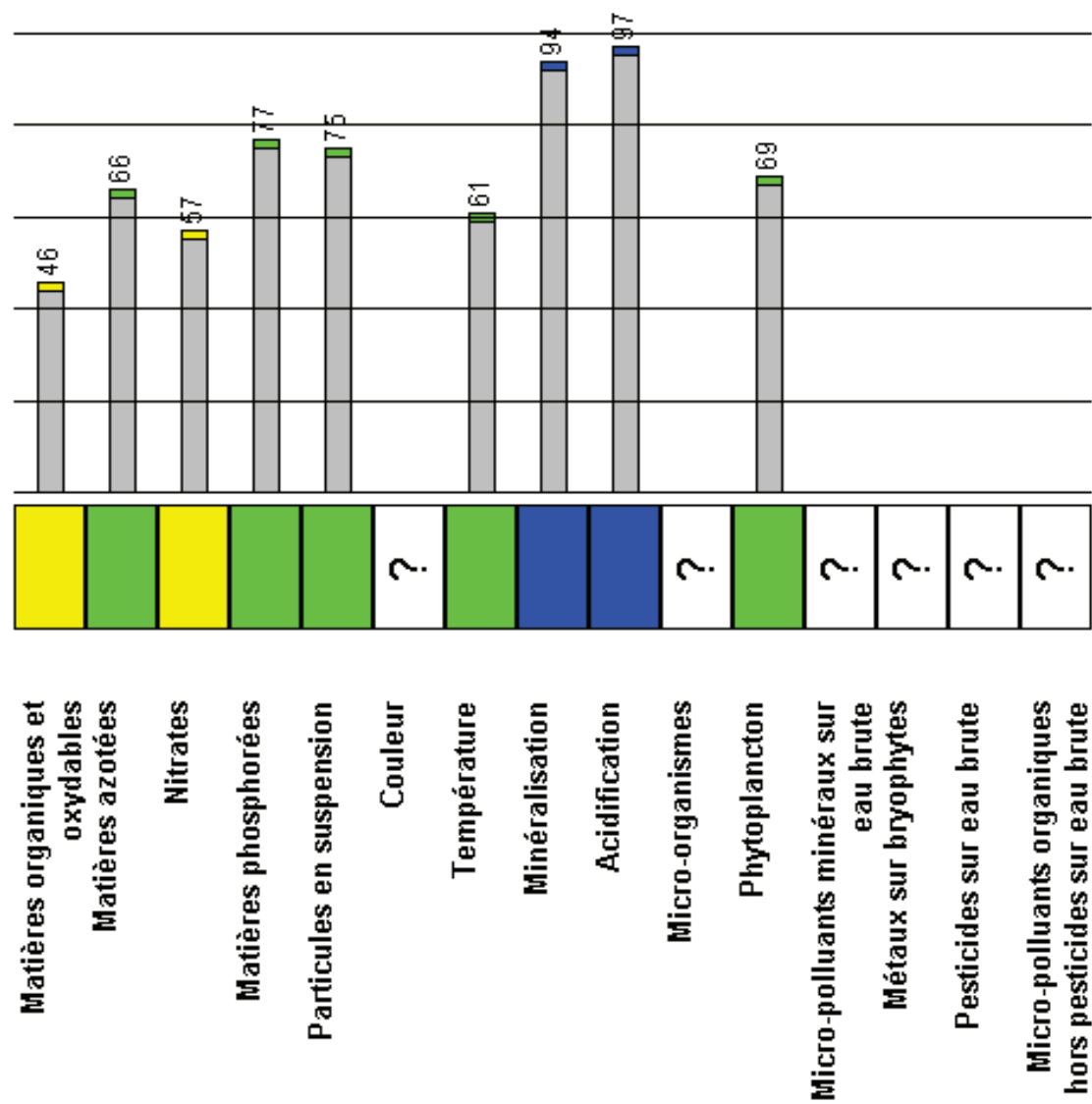


? Altération, fonction ou usage non qualifié

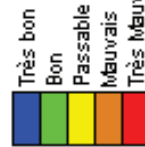
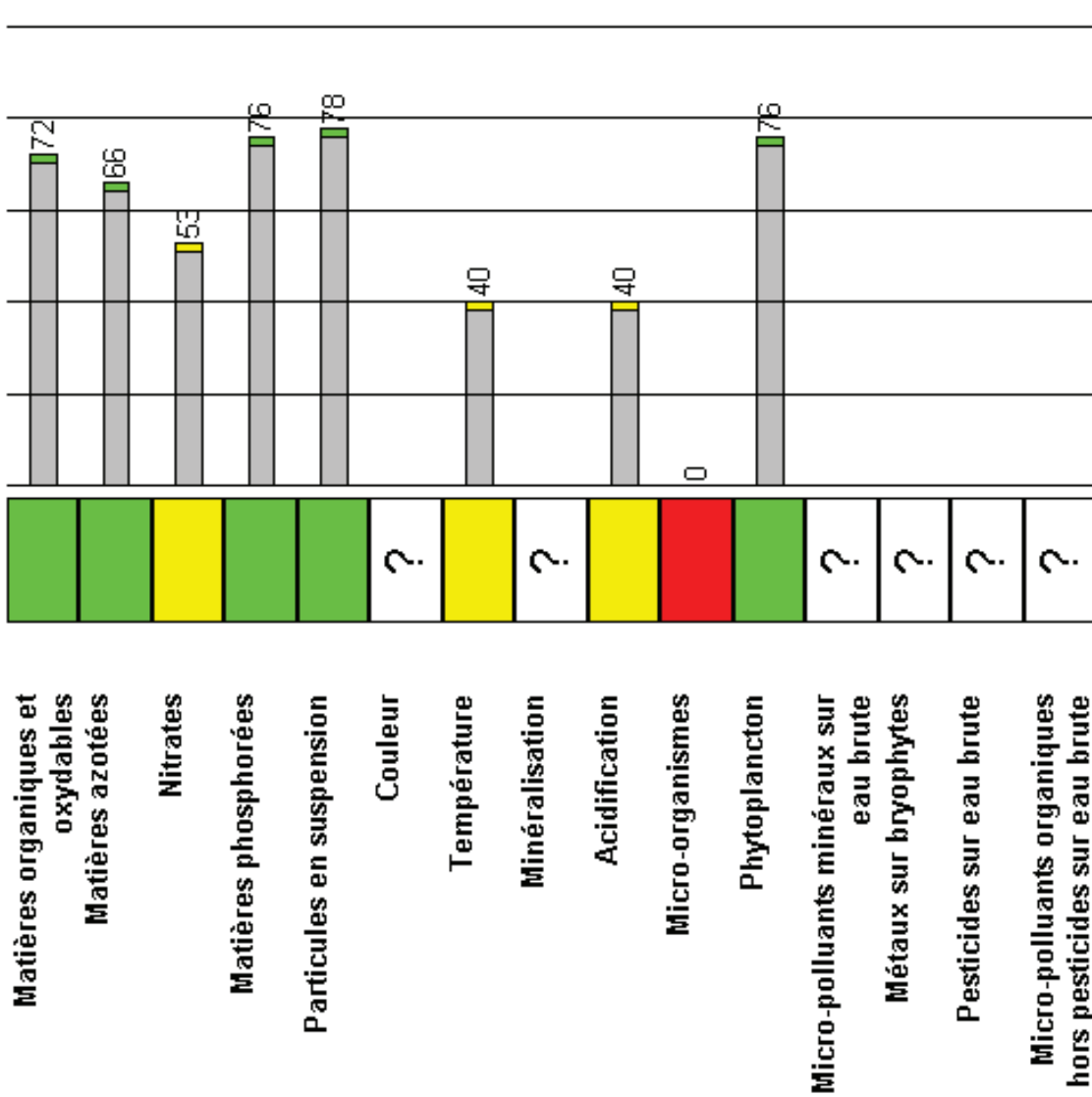


? Altération, fonction ou usage non qualifié

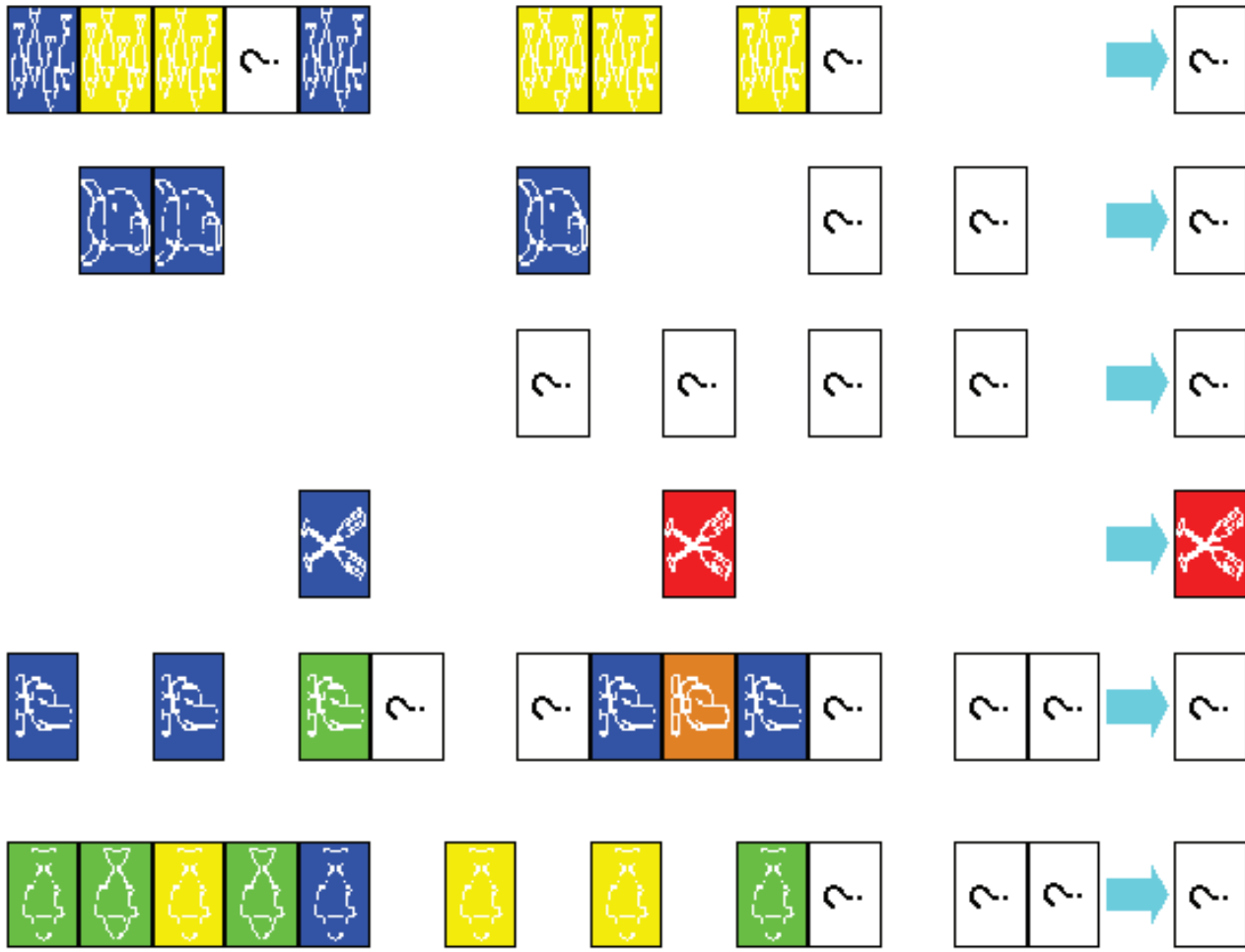


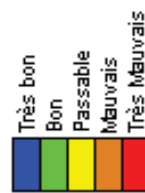
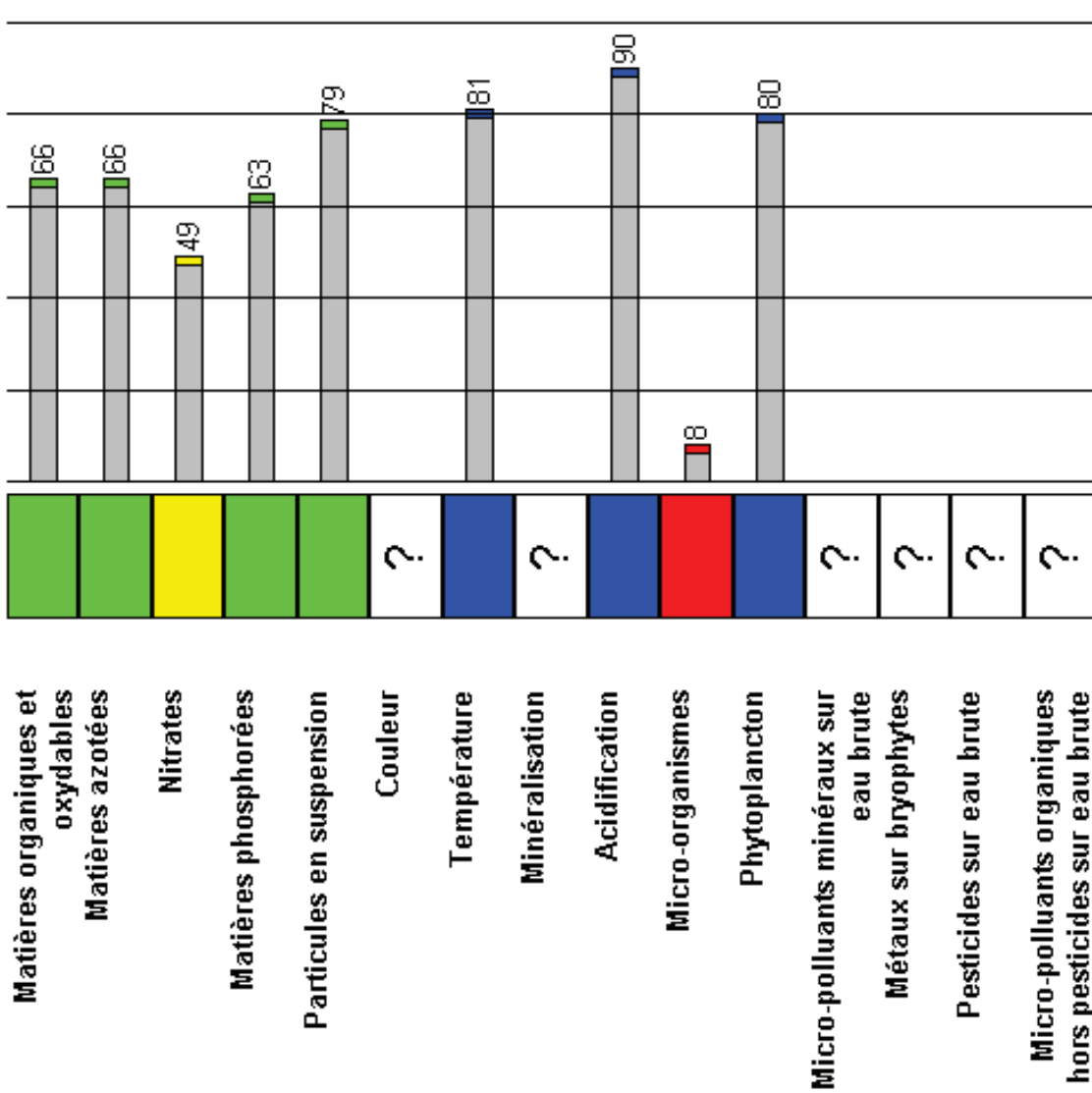


? Altération, fonction ou usage non qualifié

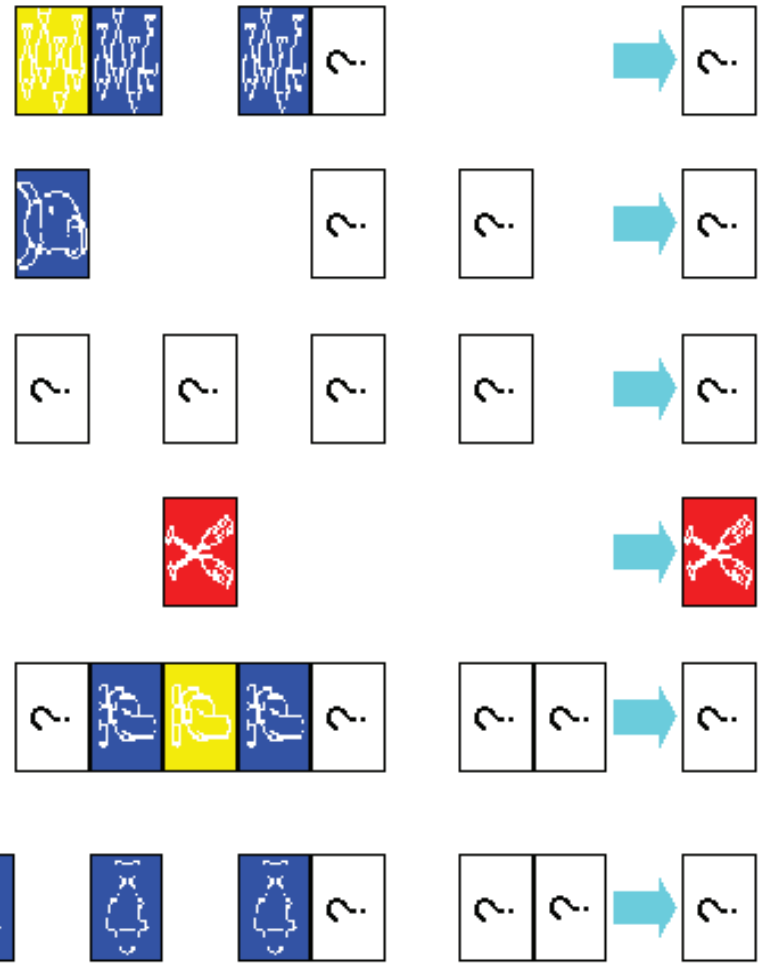
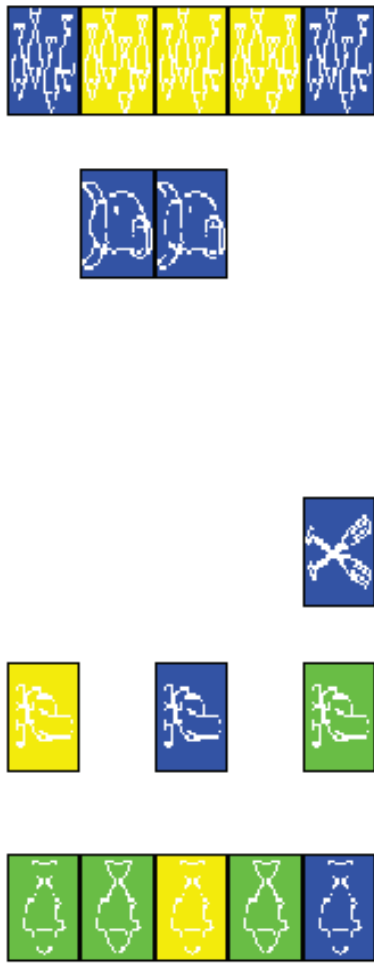


Altération, fonction ou usage non qualifié

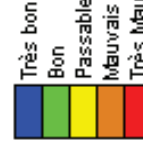
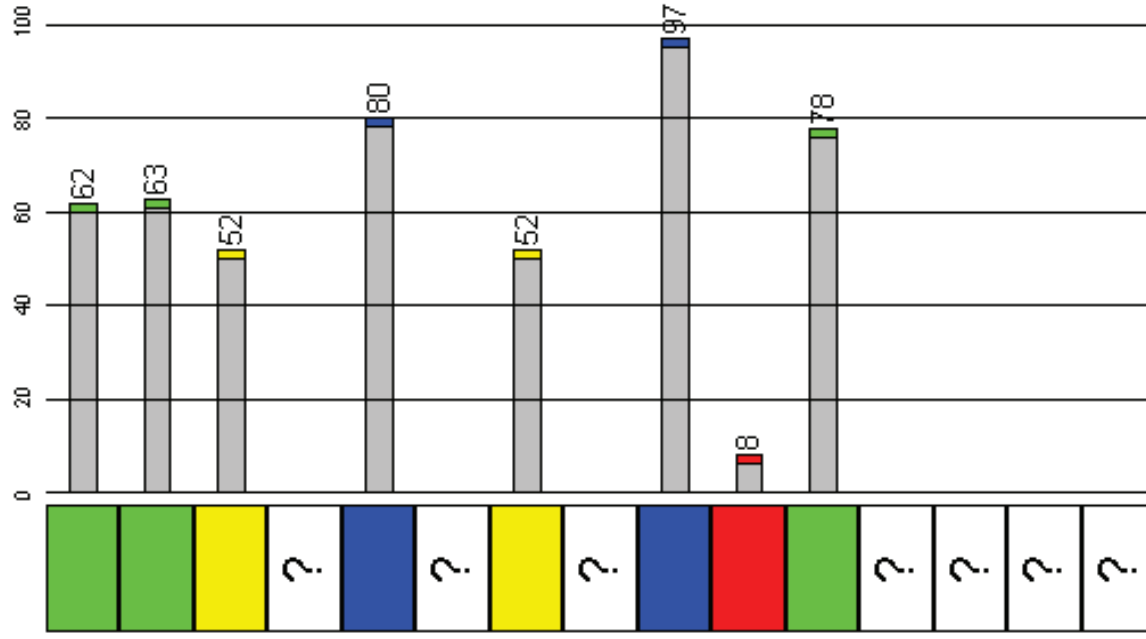




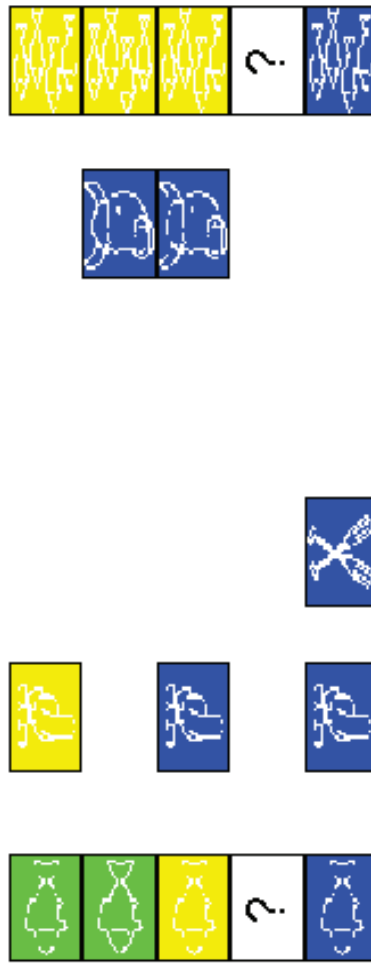
Altération, fonction ou usage non qualifié

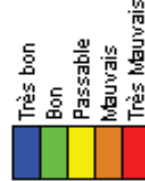
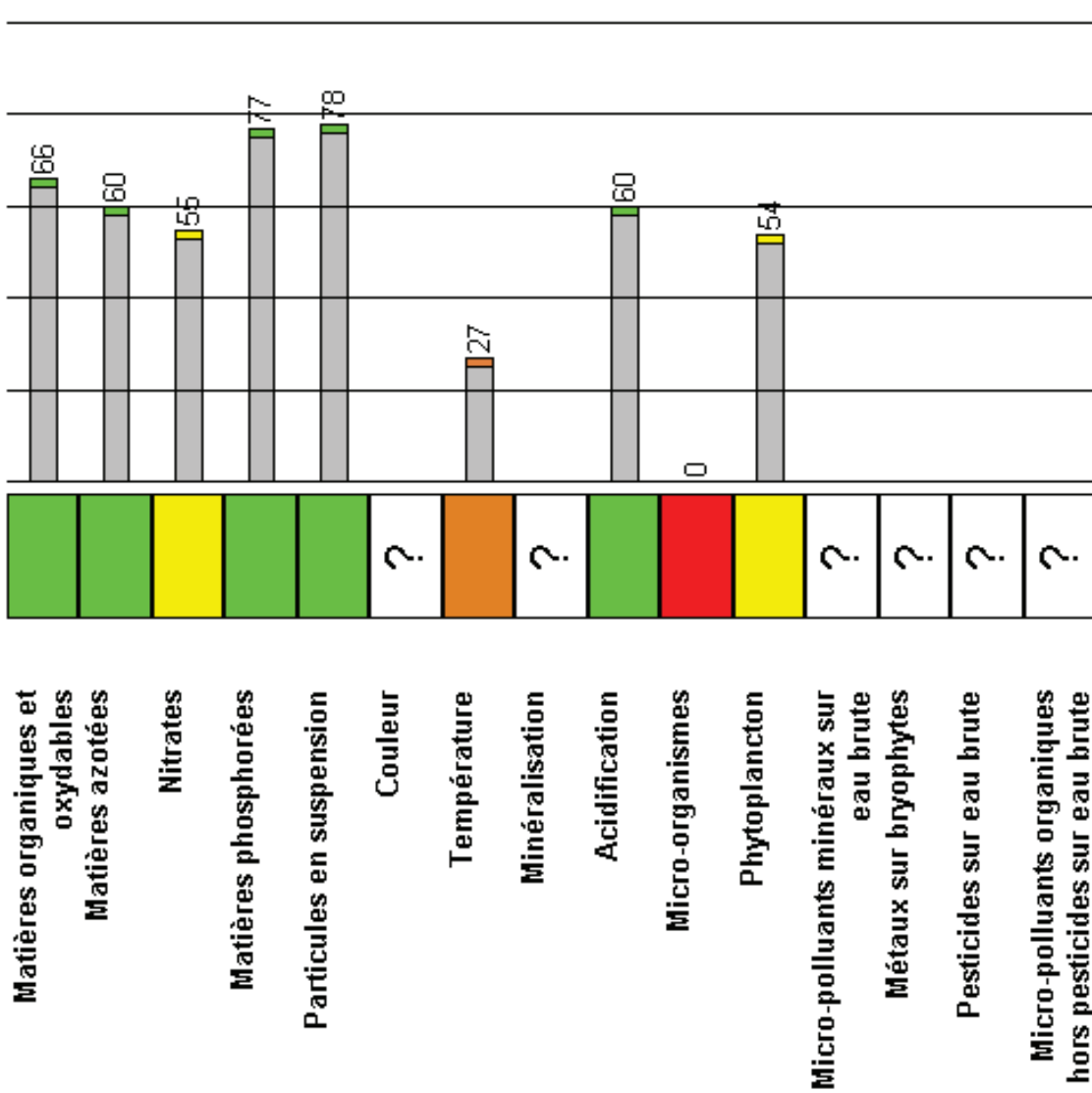


Matières organiques et oxydables
Matières azotées
Nitrates
Matières phosphorées
Particules en suspension
Couleur
Température
Minéralisation
Acidification
Micro-organismes
Phytoplancton
Micro-polluants minéraux sur eau brute
Métaux sur bryophytes
Pesticides sur eau brute
Micro-polluants organiques hors pesticides sur eau brute

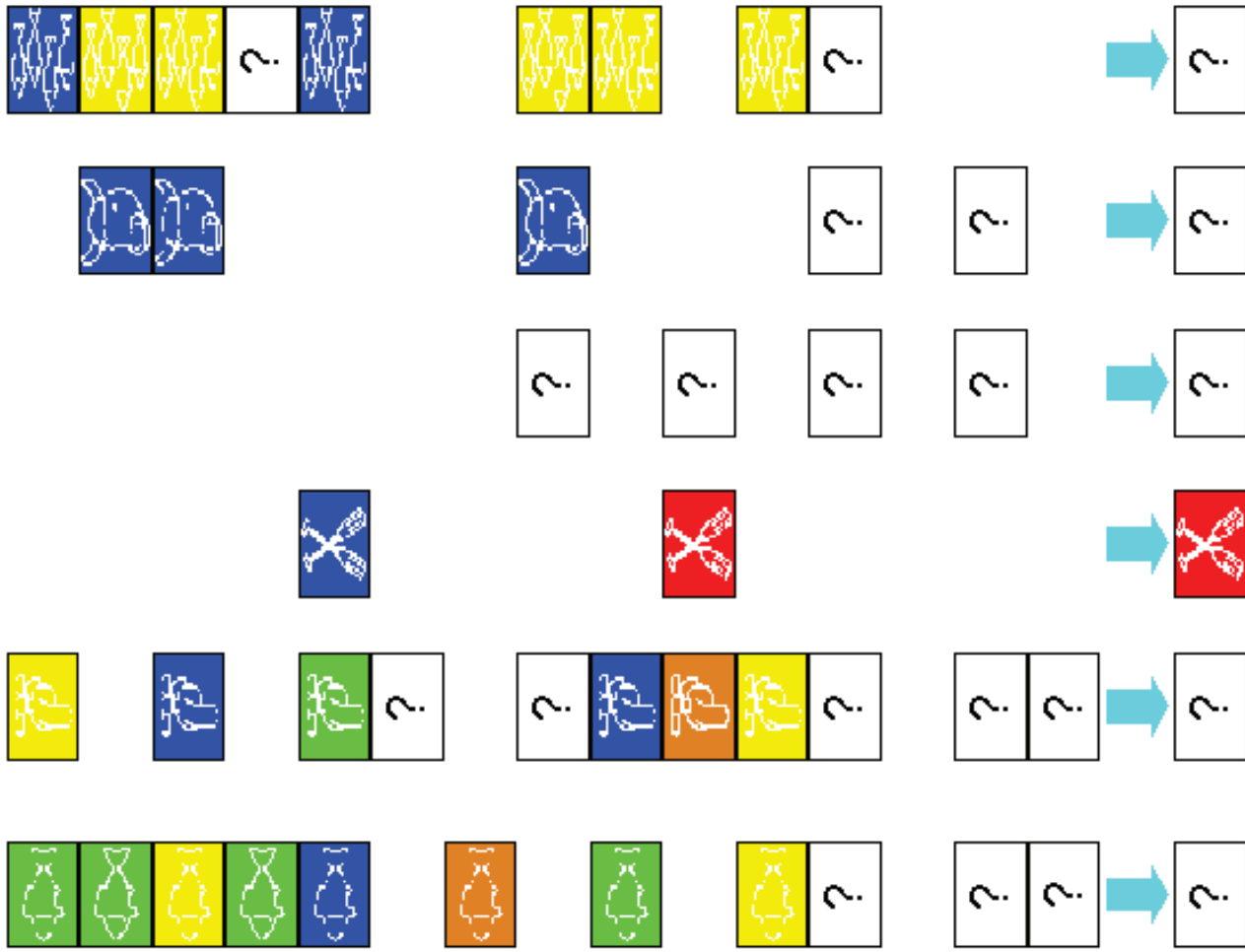


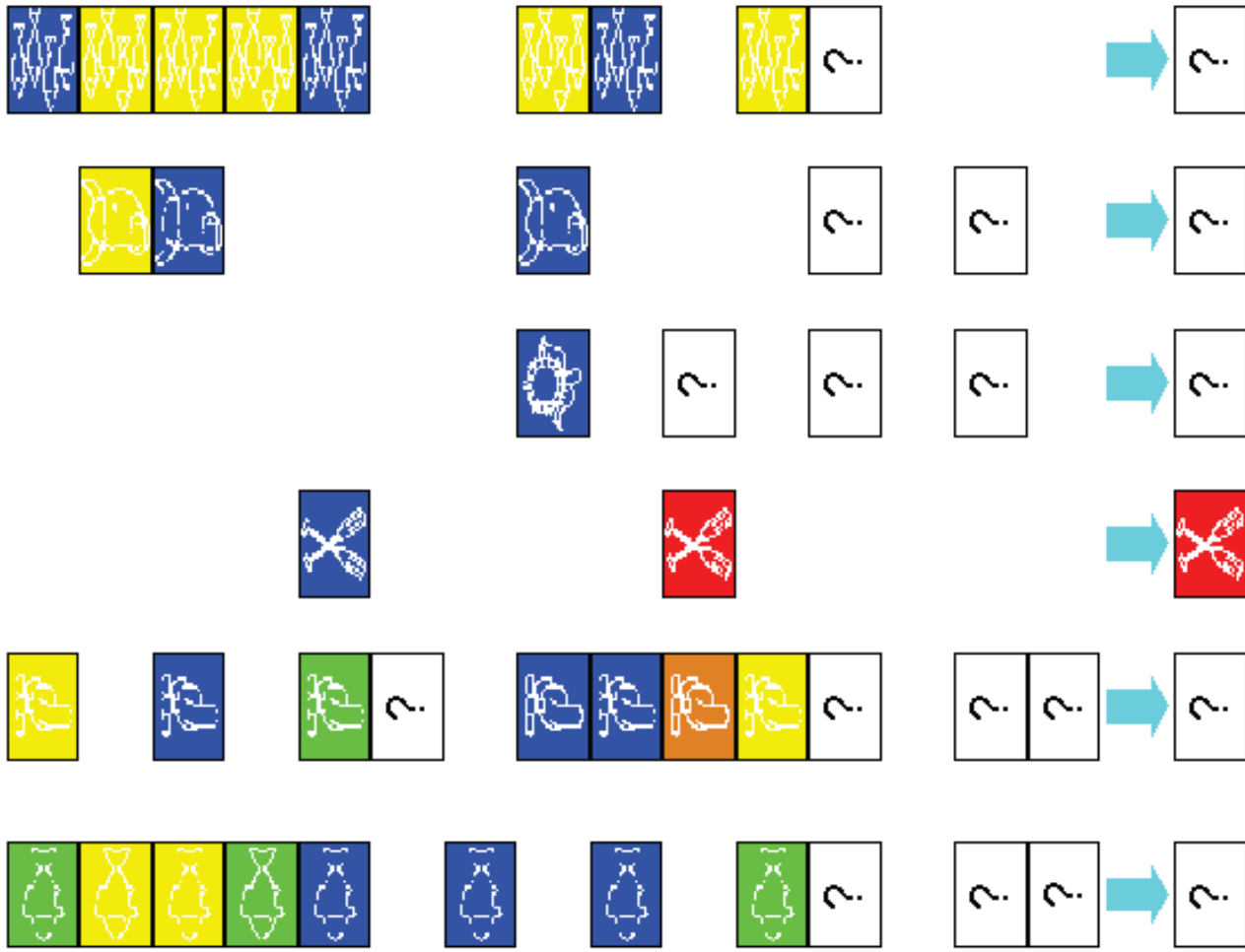
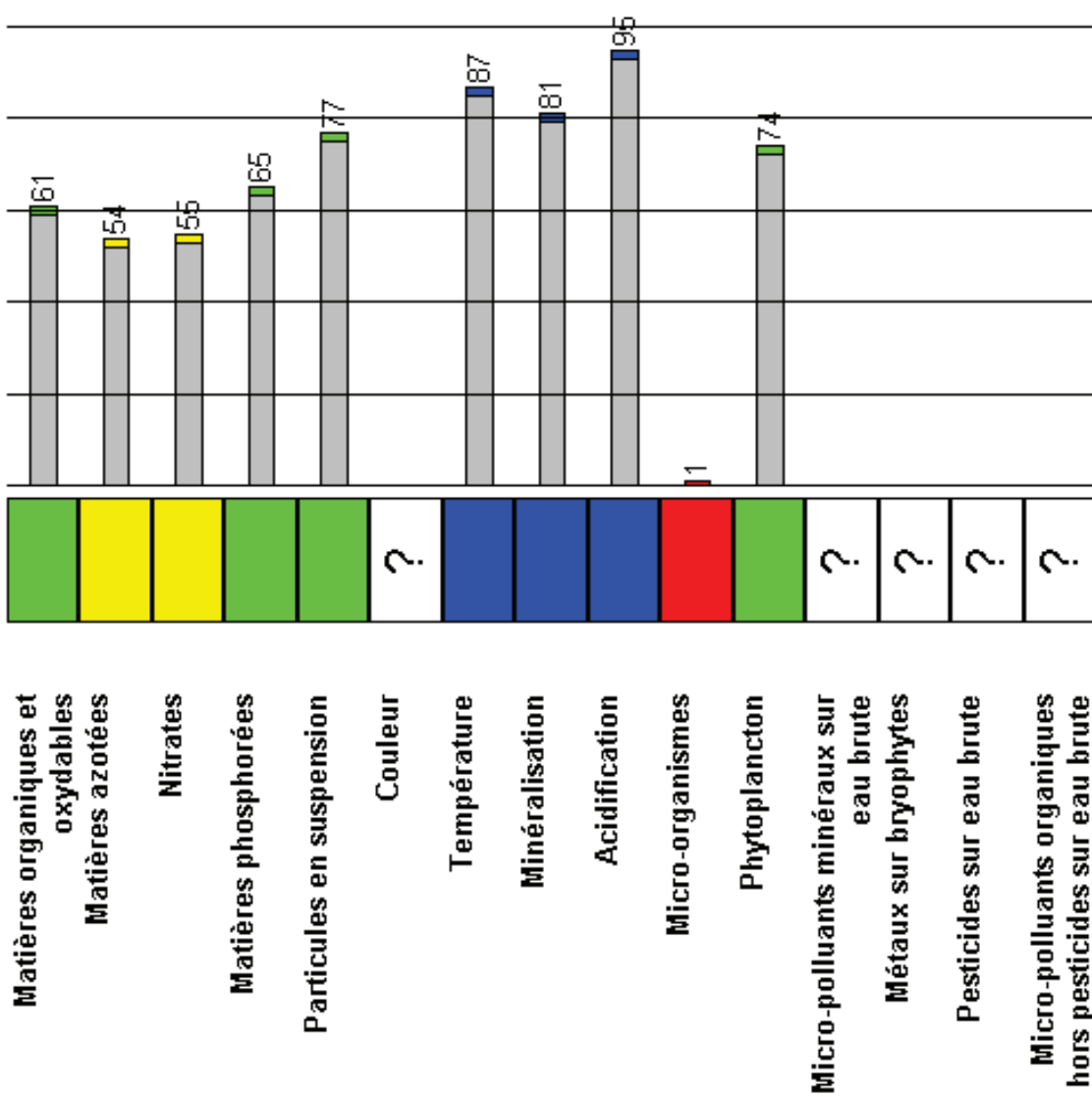
Altération, fonction ou usage non qualifié





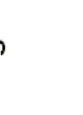
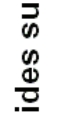
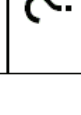
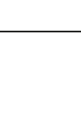
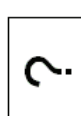
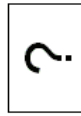
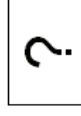
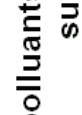
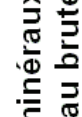
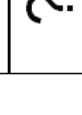
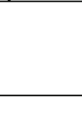
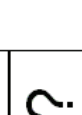
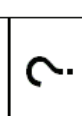
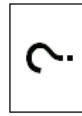
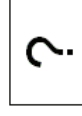
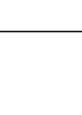
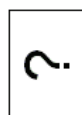
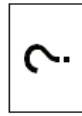
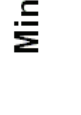
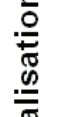
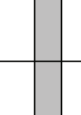
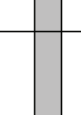
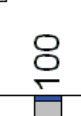
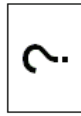
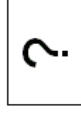
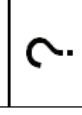
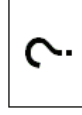
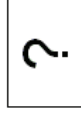
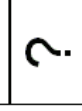
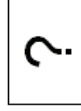
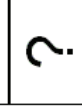
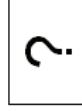
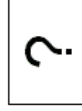
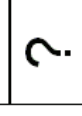
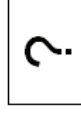
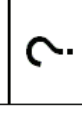
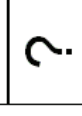
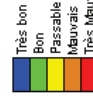
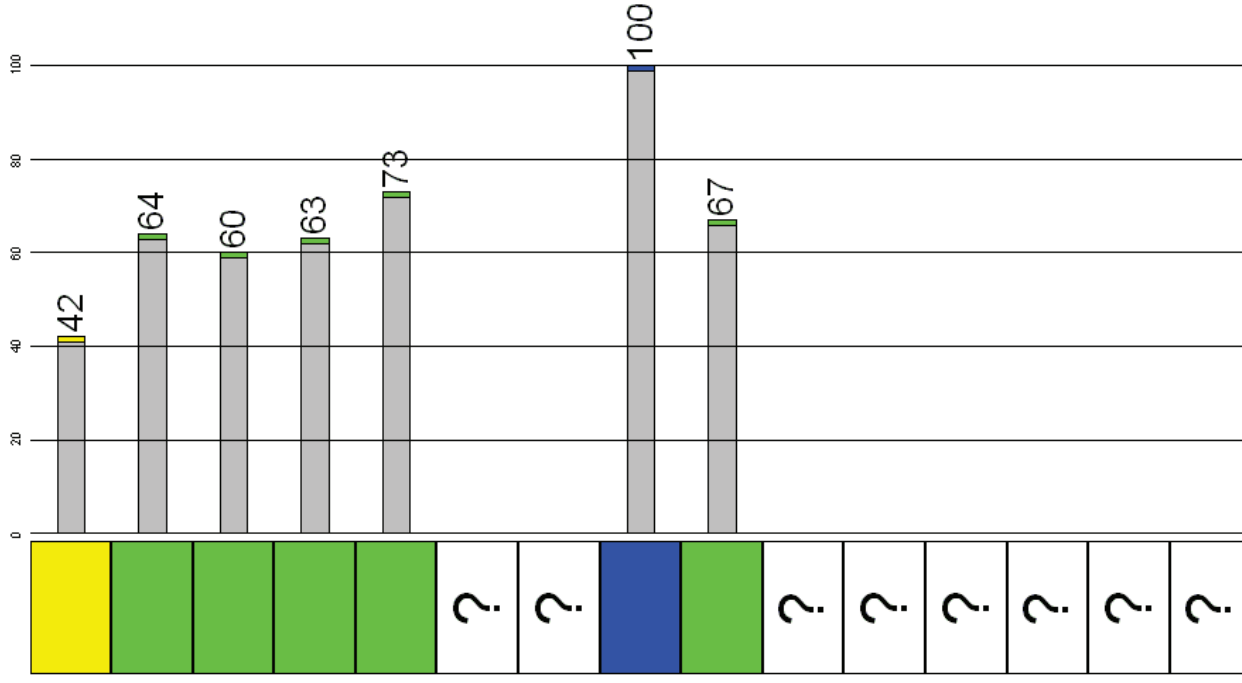
Altération, fonction ou usage non qualifié





Très bon
Bon
Passable
Mauvais
Très Mauvais

Altération, fonction ou usage non qualifié

Matières organiques et oxydables
Matières azotées
Nitrates
Matières phosphorées
Particules en suspension
Couleur
Température
Minéralisation
Acidification
Micro-organismes
Phytoplancton
Micro-polluants minéraux sur eau brute
Métaux sur bryophytes
Pesticides sur eau brute
Micro-polluants organiques hors




LA CREUSE à LEUGNY

Code station : L6020710 Bassin versant : 8020 km²

Producteur : SHPC Vienne-Thouet E-mail : ddt-spr-hpc@vienne.gouv.fr

SYNTHESE : données hydrologiques de synthèse (1964 - 2013) Calculées le 08/07/2013 - Intervalle de confiance : 95 %

écoulements mensuels (naturels)

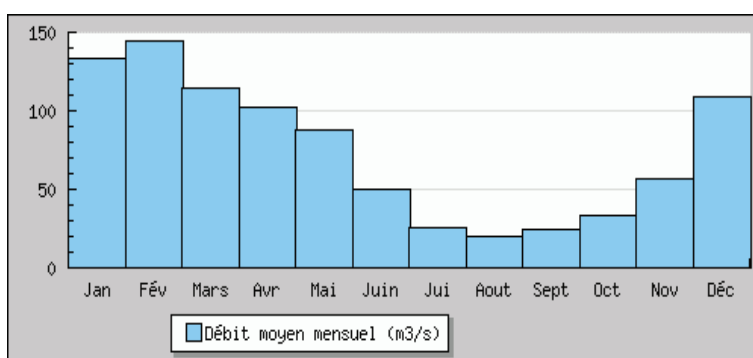
données calculées sur 50 ans

	janv.	fév.	mars	avr.	mai	juin	juil.	août	sept.	oct.	nov.	déc.	Année
Débits (m3/s)	133.0 #	145.0 #	115.0 #	102.0 #	87.60 #	50.20 #	25.70 #	19.80 #	24.80 #	33.50 #	56.50 #	109.0 #	74.80
Qsp (l/s/km2)	16.6 #	18.1 #	14.3 #	12.7 #	10.9 #	6.3 #	3.2 #	2.5 #	3.1 #	4.2 #	7.0 #	13.6 #	9.3
Lame d'eau (mm)	44 #	45 #	38 #	32 #	29 #	16 #	8 #	6 #	8 #	11 #	18 #	36 #	295

Qsp : débits spécifiques

Codes de validité :

- (espace) : valeur bonne
- ! : valeur reconstituée par le gestionnaire et jugée bonne
- # : valeur estimée (mesurée ou reconstituée) que le gestionnaire juge incertaine



modules interannuels (loi de Gauss - septembre à août)

données calculées sur 50 ans

module (moyenne)	fréquence	quinquennale sèche	médiane	quinquennale humide
74.80 [69.10;80.50]	débits (m3/s)	55.00 [47.00;61.00]	75.00 [64.00;89.00]	94.00 [88.00;100.0]

basses eaux (loi de Galton - janvier à décembre)

données calculées sur 50 ans

fréquence	VCN3 (m3/s)	VCN10 (m3/s)	QMNA (m3/s)
biennale	11.00 [9.700;12.00]	12.00 [11.00;13.00]	14.00 [13.00;15.00]
quinquennale sèche	7.700 [6.800;8.500]	8.500 [7.600;9.300]	10.00 [9.100;11.00]

crues (loi de Gumbel - septembre à août)

données calculées sur 47 ans

fréquence	QJ (m3/s)	QIX (m3/s)
biennale	600.0 [550.0;650.0]	670.0 [610.0;730.0]
quinquennale	850.0 [780.0;950.0]	950.0 [870.0;1100.]
décennale	1000. [920.0;1200.]	1100. [1000.;1300.]
vicennale	1200. [1100.;1400.]	1300. [1200.;1500.]
cinquantennale	1400. [1200.;1600.]	1600. [1400.;1800.]
centennale	non calculé	non calculé

maximums connus (par la banque HYDRO)

hauteur maximale instantanée (mm)	6990	6 mars 2006 01:50
débit instantané maximal (m3/s)	1240.	6 mars 2006 00:03
débit journalier maximal (m3/s)	1110.	16 février 1990

débits classés

données calculées sur 18086 jours

fréquence	0.99	0.98	0.95	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.05	0.02	0.01
débit (m3/s)	463.0	367.0	255.0	176.0	110.0	76.00	56.40	41.20	30.00	23.00	18.00	13.20	10.50	8.780	7.760