

HORTUS BOTANICUS NANCEIANUS INDEX SPORARUM ET SEMINUM ANNO 2021

Catalogue des spores et semences 2021 List of spores and seeds 2021

Les Jardins Botaniques sont un établissement de culture scientifique et technique cogéré par la Métropole du Grand Nancy et par l'Université de Lorraine.

Ils comprennent :

- Le Jardin Botanique Jean-Marie Pelt à Villers-lès-Nancy
- Le Jardin d'Altitude du Haut Chitelet à Xonrupt-Longemer (Hautes-Vosges)

The Botanical Gardens are a centre of scientific and technical knowledge. They are directed by Métropole du Grand Nancy and Université de Lorraine.

They have two gardens:

- Jean-Marie Pelt Botanical Garden in Villers-lès-Nancy
- Haut Chitelet Alpine Garden in Xonrupt-Longemer (Hautes-Vosges)

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Les Jardins Botaniques du Grand Nancy et de l'Université de Lorraine et l'IPEN

(INTERNATIONAL PLANT EXCHANGE NETWORK)

Les **Jardins Botaniques du Grand Nancy et de l'Université de Lorraine** adhèrent à l'IPEN, le réseau international d'échange de plantes. À ce titre, le matériel proposé dans son Index Seminum respecte le code de conduite spécifique à l'IPEN.

Le numéro IPEN associé à chaque semence est composé de la façon suivante :

XX-0-NCY-20050369G

-Les deux premières lettres correspondent au code ISO du pays d'origine, (XX indique que le pays d'origine est inconnu).

-Le chiffre suivant indique l'existence de restrictions spéciales (1) ou l'absence (0).

-Les lettres suivantes indiquent le code du jardin botanique (exemple : Nancy, NCY).

-Les huit chiffres suivants et la dernière lettre constituent le numéro interne d'accession :

-Les quatre premiers chiffres indiquent l'année d'enregistrement.

-Le chiffre suivant est un code de localisation dans le jardin.

-Les trois derniers chiffres représentent le numéro d'accession durant l'année concernée.

-La dernière lettre indique l'origine de la plante : W = plante d'origine sauvage, Z = plante d'origine sauvage en culture et G = plante d'origine cultivée.

Le numéro IPEN dans son ensemble doit toujours rester lié à l'accession et à ses descendants, de sorte que l'origine du matériel puisse toujours être retrouvée.

The **Jardins Botaniques du Grand Nancy et de l'Université de Lorraine** are a member of the International Plant Exchange Network (IPEN) and provide plant material only in accordance with the IPEN Code of Conduct.

The IPEN number given with the seed names consists of the following positions:

XX-0-NCY-20050369G

-The first two characters are the ISO-code of the country of origin (XX means country of origin unknown).

-The next position is a digit meaning: special restrictions (1) or not (0).

-The next position is the abbreviation of the garden (example: Nancy, NCY).

-The rest consists of the internal accession number:

-The first four digits indicate the year of registration.

-The next one is coding for the garden location.

-The last three are a sequence number within a year.

-The last character indicates the provenance of the plant : W = accession of wild source, Z = from a wild source plant in cultivation and G = from garden origin.

The IPEN number as a whole must always stay attached to the accession and its descendants, so that the origin of the material can always be traced back.

Avertissements / Warning

Conservation des semences

Afin de préserver leur faculté germinative, les semences récoltées dans la nature, dans les collections tempérées du Jardin Botanique Jean-Marie Pelt, ainsi qu'au Jardin d'Altitude du Haut Chitelet sont conservées à une température de 5° C.

Seeds conservation

To preserve their germination rate, seeds harvested in the wild and in the temperate collections (Jardin Botanique Jean-Marie Pelt and Haut Chitelet Alpine Garden) are kept at a temperature of 5 °C.

Espèces invasives

Les **Jardins Botaniques du Grand Nancy et de l'Université de Lorraine** ne peuvent être tenus responsables des dommages écologiques causés par l'introduction d'espèces proposées dans cet index dans les jardins des institutions receveuses ou dans la nature.

Il est de la responsabilité des correspondants d'anticiper les réponses du végétal aux conditions locales, de s'assurer que les plantes ne s'échappent pas de l'enceinte de leur jardin et ne deviennent pas invasives dans l'environnement local.

Invasive species

The **Jardins Botaniques du Grand Nancy et de l'Université de Lorraine** can accept no responsibility for any ecological damage caused by the introduction of species offered in this list into recipients' gardens or into the wild.

It is the responsibility of receiving institutions to anticipate plant responses to local conditions, and to ensure that plants do not escape from their garden and become invasive weeds in the local environment.

Texte d'avertissement emprunté au Muséum national d'Histoire naturelle de Paris avec leur aimable autorisation.

Text taken from Muséum national d'Histoire naturelle de Paris with their permission.

Classification

La classification des familles utilisée aux Jardins Botaniques du Grand Nancy et de l'Université de Lorraine est celle de l'APG IV pour les spermatophytes et du PPG I pour les ptéridophytes.

We use the classification of the APG IV for seed plants families. For ferns and allies, we follow PPG I.

ANGIOSPERM PHYLOGENY GROUP (2016) - An update of the Angiosperm Phylogeny Group classification for the orders and families of flowering plants: APG IV. The Linnean Society of London, Botanical Journal of the Linnean Society, 181: 1-20

PPG I (2016)-A community-derived classification for extant lycophytes and ferns. Journal of Systematics and Evolution, 54 (6): 563–603. doi:10.1111/jse.12229

Nomenclature et taxonomie

La nomenclature utilisée pour la flore métropolitaine est basée sur le référentiel taxonomique TAXREF (version disponible en ligne, visualisation décembre 2021 : Référentiel taxonomique des taxons de faune et de flore pour la France métropolitaine et les départements d'outre-mer).

Pour la flore exotique, les références principales sont WCSP (phanérogames *pro parte*), CFLW (ptéridophytes *s.l.*), POWO ou bases de données et monographies génériques ou familiales (voir bibliographie pour le détail).

L'orthographe des noms d'auteurs et latins suit le référentiel IPNI.

Nomenclature and Taxonomy

The nomenclature used for metropolitan flora is based on the referential taxonomic TAXREF (Version available online): Taxonomic reference for taxa of fauna and flora for France metropolitan and overseas departments.

For Exotic flora, most of plants are treated following WCSP (phanerogames *pro parte*), CFLW (pteridophytes *s.l.*), POWO or online databases and generic or familial monographies (see bibliography for details).

Orthography for authors and latins names follow IPNI standard.

**SPORAE ET SEMINA E PLANTIS LOTHARINGIAE
CIRCUMJACENTIUM PARTIUM
IN LOCO NATALI LECTA**

**Spores ou semences récoltées dans la nature,
Nord-Est de la France**

Les thèmes choisis pour les récoltes effectuées sont :

- Messicoles de Lorraine
- Massif des Vosges
- Genre : Rosa

**Spores or seeds from plants collected in the wild,
North East of France**

The themes are:

- Arable plants of Lorraine
- Vosges Mountains
- Genus : Rosa



Ci-dessus : Carte de la région Grand Est

Ci-dessous : *Papaver rhoeas* L. - Photographie : Sébastien ANTOINE



Messicoles de Lorraine

Arable plants of Lorraine

PHANEROGAMAE

ANGIOSPERMAE

MONOCOTYLEDONEAE

Amaryllidaceae

1. *Allium oleraceum* L.
54, Viterne, Voivraile
N 48°34'42.46" E 006°02'18.41", 270m
FR-0-NCY-20205014W

2. *Allium vineale* L.
54, Seichamps, Côte du Chanois
N 48°43'12.90" E 006°15'38.38", 234m
FR-0-NCY-20215011W

Asparagaceae

3. *Asparagus officinalis* L.
subsp. *officinalis*
54, Messein, Les Grandes Saussaies
N 48°36'19.38" E 006°07'35.36", 224m
FR-0-NCY-20205170W

Poaceae

4. *Alopecurus myosuroides* Huds.
subsp. *myosuroides*
54, Ochey, l'Amplain
N 48°34'20.7" E 005°55'59.8", 319m
FR-0-NCY-20165012W

5. *Alopecurus myosuroides* Huds.
subsp. *myosuroides*
55, Réville-aux-bois, les Longues Violes
N 49°20'01.9" E 005°18'25.6", 333m
FR-0-NCY-20165062W

6. *Alopecurus myosuroides* Huds.
subsp. *myosuroides*
54, Avrainville
N 48°46'22.2" E 005°55'47.56", 226m
FR-0-NCY-20215142W

7. *Anisantha sterilis* (L.) Nevski
54, Gondreville, le Chanteur
N 48°40'15.6" E 005°57'36.0" 257m
FR-0-NCY-20165051W

8. *Anisantha sterilis* (L.) Nevski
54, Ochey, l'Amplain
N 48°34'20.7" E 005°55'59.8", 319m
FR-0-NCY-20165013W

9. *Anisantha tectorum* (L.) Nevski
54, Virecourt
N 48°27'06.9" E 006°18'39.9", 248m
FR-0-NCY-20155060W

10. *Apera spica-venti* (L.) P.Beauv.
subsp. *spica-venti*
88, Le Syndicat, Le Chanois
N 48°06'42.7" E 006°42'10.2", 403m
FR-0-NCY-20165037W

11. *Apera spica-venti* (L.) P.Beauv.
subsp. *spica-venti*
88, Le Val d'Ajol, Les Chênes, champs d'orge
N 47°56'22.7" E 006°30'21.8", 379m
FR-0-NCY-20165059W

12. *Avena fatua* L.
54, Ochey, l'Amplain
N 48°34'20.7" E 005°55'59.8", 319m
FR-0-NCY-20165014W

13. *Avena fatua* L.
55, Réville-aux-bois, les Claires Chênes
N 49°20'19.3" E 005°18'42.4", 298m
FR-0-NCY-20165061W

14. *Avena fatua* L.
54, Seichamps, Côte du Chanois
N 48°43'12.90" E 006°15'38.38", 234m
FR-0-NCY-20215012W

15. *Bromus arvensis* L.
subsp. *arvensis*
54, Germiny
N 48°33'20.6" E 005°59'58.6", 382m
FR-0-NCY-20165029W

16. *Bromus arvensis* L.
subsp. *arvensis*
54, Maizières, Pont des Naues
N 48°35'1.57" E 006°04'8.1", 234m
FR-0-NCY-20205084W

24. *Bromus arvensis* L.
subsp. *arvensis*
54, Germiny
N 48°33'20.6" E 005°59'58.6", 382m
FR-0-NCY-20215149W

17. *Bromus hordeaceus* L.
57, Maizières-lès-Vic, Haut de Senac
N 48°43'35.89" E 006°46'47.32", 240m
FR-0-NCY-20205026W

18. *Bromus racemosus* L.
54, Seichamps, Côte du Chanois
N 48°43'12.90" E 006°15'38.38", 234m
FR-0-NCY-20215009W

19. *Bromus secalinus* L.
54, Gondreville, le Chanteur
N 48°40'15.6" E 005°57'36.0" 257m
FR-0-NCY-20165052W

20. *Bromus secalinus* L.
54, Maizières, Pendant du Rouau
N 48°34'46.36" E 006°02'54.98", 263m
FR-0-NCY-20215121W

21. *Bromus secalinus* L.
55, Réville-aux-bois, les Longues Violes
N 49°20'01.9" E 005°18'25.6", 333m
FR-0-NCY-20165024W

22. *Bromus secalinus* L.
57, Vionville, Le Haut de l'Epine, champs de colza
N 49°04'29.6" E 005°56'40.1", 285m
FR-0-NCY-20165015W

23. *Bromus secalinus* L.
88, Saint-Amé, Le Faing de la Maix
N 48°00'45.7" E 006°38'02.1", 387m
FR-0-NCY-20165038W

25. *Digitaria sanguinalis* (L.) Scop.
var. *atricha* (Asch. & Graebn.) Henrard
54, Richarménil, Château
N 48°35'22" E 006°10'10.0", 227m
FR-0-NCY-20215152W

26. *Echinochloa crus-galli* (L.) P.Beauv.
54, Avrainville
N 48°46'22.2" E 005°55'47.56", 226m
FR-0-NCY-20215145W

27. *Setaria italica* (L.) P.Beauv.
subsp. *viridis*
54, Pont-Saint-Vincent, Plateau Sainte Barbe
N 48°36'16.67" E 006°04'24.64", 326m
FR-0-NCY-20215114W

28. *Setaria pumila* (Poir.) Roem. & Schult.
88, Dommartin-sur-Vraine, La Moize
N 48°20'38.02" E 005°56'05.4", 338m
FR-0-NCY-20215156W

29. *Vulpia myuros* (L.) C.C.Gmel.
f. *myuros*
54, Messein, Les Grandes Saussaies
N 48°36'19.38" E 006°07'35.36", 224m
FR-0-NCY-20205092W

EUDICOTYLEDONEAE

Amaranthaceae

30. *Lipandra polysperma* (L.) S.Fuentes, Uotila & Borsch
54, Parey-Saint-Césaire, Couverosse
N 48°32'15.34" E 006°04'28.65", 285m
FR-0-NCY-20215113W

Apiaceae

31. *Aethusa cynapium* L.
f. *agrestis* (Wallr.) Schube
54, Bicqueley
N 48°36'38.86" E 005° 56'5.57", 289m
FR-0-NCY-20215138W

32. *Aethusa cynapium* L.
f. *agrestis* (Wallr.) Schube
54, Bicqueley
N 48°36'38.86" E 005° 56'5.57", 289m
FR-0-NCY-20215165W

33. *Anthriscus caucalis* M.Bieb.
var. *caucalis*
88, Frenelle-la-Grande, Les Uches
N 48°21'26.48" E 006°05'32.15", 297m
FR-0-NCY-20215117W

34. *Bupleurum rotundifolium* L.
54, Gondreville, Belle Seille
N 48°40'16.1" E 005°58'01.5", 261m
FR-0-NCY-20165069W

35. *Bupleurum rotundifolium* L.
54, Villey-St-Etienne, la Côte de l'Echalotte
N 48°44'36.1" E 005°57'31.4", 226m
FR-0-NCY-20165070W

36. *Cervaria rivini* Gaertn.
57, Saulny, La Côte
N 49°09'47.8" E 006°06'14.6", 341m
FR-0-NCY-20185148W

37. *Orlaya grandiflora* (L.) Hoffm.
54, Jaillon, le Pâquis de Haine
N 48°45'14.3" E 005°58'50.0", 223m
FR-0-NCY-20165071W

38. *Scandix pecten-veneris* L.
subsp. *pecten-veneris*
54, Crépey, La Ferté
N 48°31'24.11" E 005°57'31.13", 390m
FR-0-NCY-20215131W

39. *Scandix pecten-veneris* L.
subsp. *pecten-veneris*
54, Villey-St-Etienne, la Côte de l'Echalotte
N 48°44'36.1" E 005°57'31.4", 226m
FR-0-NCY-20165025W

40. *Scandix pecten-veneris* L.
subsp. *pecten-veneris*
54, Crépey, Fond de Corre
N 48°30'51.75" E 005°57'12.36", 400m
FR-0-NCY-20205145W

41. *Tordylium maximum* L.
54, Maizières, bord de la D914
N 48°35'05" E 006°04'22.73", 326m
FR-0-NCY-20215120W

42. *Tordylium maximum* L.
54, Maizières, Pendant du Rouau
N 48°34'46.36" E 006°02'54.98", 263m
FR-0-NCY-20215125W

43. *Tordylium maximum* L.
54, Viterne, le Vigné
N 48°35'16.9" E 006°02'30.22", 326m
FR-0-NCY-20215139W

45. *Torilis arvensis* L.
subsp. *arvensis*
54, Pierreville
N 48°32'53.4" E 006°07'28.5", 228m
FR-0-NCY-20205192W

Asteraceae

46. *Anthemis arvensis* L.
subsp. *arvensis*
54, Crépey, Corvée de Corre
N 48°31'10.58" E 005°57'8.03", 393m
FR-0-NCY-20205038W

47. *Anthemis arvensis* L.
subsp. *arvensis*
57, Diesen, Auf der Hoh
N 49°11'09.7" E 006°40'31.2", 220m
FR-0-NCY-20165084W

48. *Anthemis arvensis* L.
subsp. *arvensis*
88, Val d'Ajol (le), Les Chênes, champs d'orge
N 47°56'22.7" E 006°30'21.8", 379m
FR-0-NCY-20165056W

49. *Anthemis cotula* L.
54, Gondreville, Belle Seille
N 48°40'16.9" E 005°58'00.3", 262m
FR-0-NCY-20165040W

50. *Anthemis cotula* L.
88, Saint-Amé, Le Faing de la Maix, champ de blé
N 48°00'45.7" E 006°38'02.1", 387m
FR-0-NCY-20165031W

51. *Cyanus segetum* Hill
54, Crépey, Sombalieu
N 48°31'44.14" E 005°57'11.74", 375m
FR-0-NCY-20205166W

53. *Cyanus segetum* Hill
55, Sivry-sur-Meuse, la Plaine Didon
N 49°18'20.3" E 005°16'26.8", 224m
FR-0-NCY-20165017W

54. *Cyanus segetum* Hill
88, Gruéy-lès-Surance, Chemin des Arpenfoins
N 48°01'30.77" E 006°09'38.44", 462m
FR-0-NCY-20215022W

55. *Gnaphalium uliginosum* L.
57, Saint-Jure, Grand Pâtural
N 48°56'18.66" E 006°14'27.12", 233m
FR-0-NCY-20215161W

56. *Matricaria discoidea* DC.
54, Maizières, Derrière la Ville
N 48°34'43.38" E 006°03'49.87", 238m
FR-0-NCY-20205042W

57. *Matricaria chamomilla* L.
54, Maizières, Champs Célieux
N 48°35'6.09" E 006°03'06.8", 326m
FR-0-NCY-20215134W

58. *Matricaria chamomilla* L.
54, Seichamps Côte du Chanois
N 48°43'12.90" E 006°15'38.38", 234m
FR-0-NCY-20215015W

59. *Tripleurospermum inodorum* (L.) Sch.Bip.
54, Germiny, La Fontenelle
N 48°32'25.58" E 005°59'59.06", 316m
FR-0-NCY-20205015W

61. *Tripleurospermum inodorum* (L.) Schulz
54, Crépey, La Ferté
N 48°31'24.11" E 005°57'31.1", 390m
FR-0-NCY-20215155W

63. *Tripleurospermum inodorum* (L.) Sch.Bip.
54, Seichamps, Côte du Chanois
N 48°43'12.90" E 006°15'38.38", 234m
FR-0-NCY-20215010W

Boraginaceae

64. *Buglossoides arvensis* (L.) I.M.Johnst.
54, Gondreville, Belle Seille
N 48°40'16.9" E 005°58'00.3", 262m
FR-0-NCY-20165042W

65. *Buglossoides arvensis* (L.) I.M.Johnst.
54, Ochey, l'Amplain
N 48°34'20.7" E 005°55'59.8", 319m
FR-0-NCY-20165002W

66. *Buglossoides arvensis* (L.) I.M.Johnst.
55, Réville-aux-Bois, champ de céréales bio
N 49°20'25.7" E 005°19'14.8", 282m
FR-0-NCY-20165019W

67. *Lycopsis arvensis* L.
54, Richardménil, Château
N 48°35'22.1" E 006°10'10.0", 227m
FR-0-NCY-20205045W

68. *Lycopsis arvensis* L.
88, Dogneville, le Xâ
N 48°12'54.0" E 006°26'54.5", 318m
FR-0-NCY-20135109W

69. *Lycopsis arvensis* L.
54, Richardménil, Château
N 48°35'22.1" E 006°10'10.0", 227m
FR-0-NCY-20215122W

70. *Myosotis arvensis* (L.) Hill
54, Avrainville
N 48°46'22.2" E 005°55'47.56", 226m
FR-0-NCY-20215118W

71. *Myosotis arvensis* (L.) Hill
54, Viterne, A la Femme Morte
N 48°35'55.9" E 006°01'02.7", 304m
FR-0-NCY-20215136W

72. *Myosotis arvensis* L.
57, Saint-Jure, Grand Pâtural
N 48°56'18.66" E 006°14'27.12", 233m
FR-0-NCY-20215164W

Brassicaceae

73. *Camelina microcarpa* Andr. ex DC.
54, Gondreville, Belle Seille
N 48°40'16.9" E 005°58'00.3", 262m
FR-0-NCY-20125017W

74. *Lepidium coronopus* (L.) Al-Shehbaz
54, Germiny
N 48°33'20.6" E 005°59'58.6", 382m
FR-0-NCY-20215132W

75. *Microthlaspi perfoliatum* (L.) F.K.Mey.
54, Viterne, Voivraillé
N 48°34'42.46" E 006°02'18.41", 270m
FR-0-NCY-20215127W

76. *Microthlaspi perfoliatum* (L.) F.K.Mey
54, Gondreville, Belle Seille
N 48°40'16.9" E 005°58'00.3", 262m
FR-0-NCY-20165043W

77. *Microthlaspi perfoliatum* (L.) F.K.Mey
57, Maizières-lès-Vic, Haut de Senac
N 48°43'35.89" E 006°46'47.32", 240m
FR-0-NCY-20205017W

78. *Thlaspi arvense* L.
54, Villey-St-Etienne, la Côte de l'Echalotte
N 48°44'36.1" E 005°57'31.4", 226m
FR-0-NCY-20165074W

79. *Thlaspi arvense* L.
57, Delme, La Ronce
N 48°53'03.99" E 006°22'32.96", 240m
FR-0-NCY-20215162W

Campanulaceae

80. *Jasione montana* L.
subsp. *montana*
57, Porcelette, Heide
N 49°10'41.6" E 006°39'54.4" 222m
FR-0-NCY-20155044W

81. *Legousia hybrida* (L.) Delarbre
54, Ochey, l'Amplain
N 48°34'20.7" E 005°55'59.8", 319m
FR-0-NCY-20165003W

82. *Legousia hybrida* (L.) Delarbre
55, Réville-aux-bois, les Claires Chênes
N 49°20'19.3" E 005°18'42.4", 298m
FR-0-NCY-20165020W

83. *Legousia speculum-veneris* (L.) Chaix
54, Thélod, Le Mont
N 48°32'58.5" E 006°01'47.9", 427m
FR-0-NCY-20205018W

Caprifoliaceae

84. *Valerianella dentata* (L.) Pollich
f. *rimosa* (Bastard) Devesa, J.López & R. Gonzalo
54, Crépey, Fond de Corre
N 48°30'51,75" E 005°57'12,36", 400m
FR-0-NCY-20205054W

86. *Valerianella dentata* (L.) Pollich
f. *rimosa* (Bastard) Devesa, J.López & R. Gonzalo
54, Thuilley-aux-Groseilles, Champ Vallotte
N 48°34'04.54" E 005°57'15.17", 325m
FR-0-NCY-20215166W

87. *Valerianella dentata* (L.) Pollich
f. *rimosa* (Bastard) Devesa, J.López & R. Gonzalo
54, Viterne, Labévaux
N 48°34'27.11" E 006°01'12.85", 376m
FR-0-NCY-20215151W

89. *Valerianella dentata* (L.) Pollich
f. *rimosa* (Bastard) Devesa, J.López & R. Gonzalo
54, Thélod, Le Mont
N 48°32'58.5" E 006°01'47.9", 427m
FR-0-NCY-20205171W

85. *Valerianella dentata* (L.) Pollich
54, Ochey, l'Amplain
N 48°34'20.7" E 005°55'59.8", 319m
FR-0-NCY-20165004W

88. *Valerianella dentata* (L.) Pollich
57, Vionville, Vierge de Tantelainville
N 49°04'16.5" E 005°56'39.0", 290m
FR-0-NCY-20165005W

Caryophyllaceae

90. *Scleranthus annuus* L.
88, Saint-Amé, Le Faing de la Maix, champ de blé
N 48°00'45.7" E 006°38'02.1", 387m
FR-0-NCY-20165036W

91. *Silene noctiflora* L.
54, Aingeray, le Corot, 245 m
N 48°43'33.0" E 005°59'29.15", 243m
FR-0-NCY-20125112W

92. *Silene noctiflora* L.
54, Viterne, A la Femme Morte
N 48°35'55.9" E 006°01'02.7", 304m
FR-0-NCY-20215150W

93. *Spergula arvensis* L.
88, La Bresse, route de Schmargult
N 48°01'49.3" E 007°00'00.1", 1212m
FR-0-NCY-20165081W

94. *Spergula arvensis* L.
88, Saint-Amé, Le Faing de la Maix
N 48°00'45.7" E 006°38'02.1", 387m
FR-0-NCY-20165032W

96. *Spergula arvensis* L.
54, Parey-Saint-Césaire, Couverosse
N 48°32'15.34" E 006°04'28.65", 285m
FR-0-NCY-20215108W

95. *Spergula rubra* (L.) D.Dietr.
88, Le Syndicat, Le Chanois
N 48°06'42.7" E 006°42'10.2", 403m
FR-0-NCY-20165033W

Convolvulaceae

97. *Convolvulus arvensis* L.
54, Jaillon, Le Pâquis de Haine
N 48°45'21.0" E 005°58'50.2", 228m
FR-0-NCY-20165075W

Euphorbiaceae

98. *Euphorbia exigua* L.

54, Jaillon, Le Pâquis de Haine
N 48°45'22.1" E 005°58'49.2", 228m
FR-0-NCY-20165076W

99. *Euphorbia exigua* L.

88, Tranqueville-Graux, Fond de la Vau Chanaie
N 48°26'22.66" E 005°50'21.91", 362m
FR-0-NCY-20215126W

100. *Euphorbia helioscopia* L.

subsp. *helioscopia*
54, Gondreville, En Fremoleve
N 48°40'05.22" E 005°57'44.52", 238m
FR-0-NCY-20215143W

102. *Euphorbia platyphyllos* L.

54, Gondreville, Belle Seille
N 48°40'16.9" E 005°58'00.3", 262m
FR-0-NCY-20215144W

103. *Euphorbia stricta* L.

54, Bicqueley
N 48°36'38.86" E 005°56'5.57", 289m
FR-0-NCY-20215124W

104. *Mercurialis annua* L.

54, Bainville-sur-Madon, Les Quichottes
N 48°35'29.01" E 006°05'34.16", 237m
FR-0-NCY-20205021W

Fabaceae

105. *Lathyrus aphaca* L.

54, Gondreville, Belle Seille
N 48°40'16.9" E 005°58'00.3", 262m
FR-0-NCY-20165045W

106. *Medicago sativa* L.

subsp. *falcata* (L.) Arcang.
54, Germiny
N 48°32'43.4" E 006°00'00.7", 332m
FR-0-NCY-20195126W

107. *Medicago sativa* L.

subsp. *falcata* (L.) Arcang.
54, Villers-lès-Nancy, Plateau de Villers
N 48°39'31.3" E 006°08'07.2", 371m
FR-0-NCY-20175075W

108. *Ornithopus perpusillus* L.

57, Porcelette, Heide
N 49°10'41.6" E 006°39'54.4" 222m
FR-0-NCY-20155046W

109. *Trifolium arvense* L.

54, Pont-Saint-Vincent, Plateau Sainte Barbe
N 48°36'16.67" E 006°04'24.64", 326m
FR-0-NCY-20215115W

Geraniaceae

110. *Geranium columbinum* L.

54, Gondreville, Belle Seille
N 48°40'16.9" E 005°58'00.3", 262m
FR-0-NCY-20165046W

111. *Geranium columbinum* L.

54, Thélod, champ de céréales
N 48°33'00.5" E 006°01'41.7", 430m
FR-0-NCY-20165058W

113. *Geranium dissectum* L.

88, Gruy-lès-Surance, Chemin des Arpenfoins
N 48°01'30.77" E 006°09'38.44", 462m
FR-0-NCY-20215020W

Lamiaceae

114. *Stachys annua* (L.) L.

54, Gondreville, En Fremoleve
N 48°40'05.22" E 005°57'44.52", 238m
FR-0-NCY-20215147W

115. *Teucrium botrys* L.

54, Bainville-sur-Madon, Terre Vaine
N 48°35'56.5" E 006°04'40.47", 398m
FR-0-NCY-20205074W

Malvaceae

116. *Malva setigera* Spenn.

54, Gondreville, Belle Seille
N 48°40'16.9" E 005°58'00.3", 262m
FR-0-NCY-20165047W

117. *Malva setigera* Spenn.

54, Villey-Saint-Etienne, La Côte de l'Echalotte
N 48°44'39.8" E 005°57'35.0", 228m
FR-0-NCY-20165027W

118. *Malva setigera* Spenn.

54, Villey-St-Etienne, la Côte de l'Echalotte
N 48°44'36.1" E 005°57'31.4", 226m
FR-0-NCY-20165077W

Orobanchaceae

119. *Melampyrum arvense* L.

f. *arvense*

54, Gondreville, Belle Seille

N 48°40'16.9" E 005°58'00.3", 262m

FR-0-NCY-20215146W

Papaveraceae

120. *Fumaria officinalis* L.

54, Thélod, Le Mont

N 48°32'58.5" E 006°01'47.9", 427m

FR-0-NCY-20215119W

121. *Papaver argemone* L.

54, Gondreville, Belle Seille

N 48°40'16.9" E 005°58'00.3", 262m

FR-0-NCY-20165048W

122. *Papaver argemone* L.

54, Ochey, l'Amplain

N 48°34'20.7" E 5°55'59.8", 319m

FR-0-NCY-20165008W

123. *Papaver argemone* L.

54, Villey-St-Etienne, la Côte de l'Echalotte

N 48°44'36.1" E 005°57'31.4", 226m

FR-0-NCY-20165049W

124. *Papaver dubium* L.

54, Germiny

N 48°33'20.6" E 005°59'58.6", 382m

FR-0-NCY-20165028W

125. *Papaver dubium* L.

54, Messein, Les Grandes Saussaies

N 48°36'19.38" E 006°07'35.36", 224m

FR-0-NCY-20205077W

126. *Papaver dubium* L.

57, Ham-sous-Varsberg

N 49°10'32.9" E 006°39'12.7", 220m

FR-0-NCY-20165060W

127. *Papaver rhoeas* L.

54, Crépey, Corvée de Corre

N 48°31'10.58" E 005°57'8.03", 393m

FR-0-NCY-20215137W

129. *Papaver rhoeas* L.

54, Maizières, Derrière la Ville

N 48°34'43.38" E 006°03'49.87", 238m

FR-0-NCY-20205076W

131. *Papaver rhoeas* L.

55, Bislée, Fourcaupré

N 48°52'15.9" E 005°31'21.8", 249m

FR-0-NCY-20165023W

Plantaginaceae

132. *Chaenorhinum minus* (L.) Lange

subsp. *minus*

54, Thélod, l'Enfrâ

N 48°32'42.6" E 006°01'56.2", 380m

FR-0-NCY-20195127W

136. *Chaenorhinum minus* (L.) Lange

subsp. *minus*

54, Avrainville

N 48°46'22.2" E 005°55'47.56", 226m

FR-0-NCY-20215140W

133. *Kickxia spuria* (L.) Dumort.

54, Villey-St-Etienne, la Côte de l'Echalotte

N 48°44'36.1" E 005°57'31.4", 226m

FR-0-NCY-20165078W

137. *Kickxia spuria* (L.) Dumort.

88, Frenelle-la-Petite, Chemin de Juvaincourt

N 48°20'52.92" E 006°04'22.40", 304m

FR-0-NCY-20215116W

138. *Veronica agrestis* L.

88, Gruey-lès-Surance, Chemin des Arpenfoins

N 48°01'30.77" E 006°09'38.44", 462m

FR-0-NCY-20215021W

135. *Veronica opaca* Fr.

54, Ochey, l'Amplain

N 48°34'20.7" E 005°55'59.8", 319m

FR-0-NCY-20165011W

139. *Veronica persica* Poir.

54, Bicqueley

N 48°36'38.86" E 005° 56'5.57", 289m

FR-0-NCY-20215129W

Polygonaceae

143. *Fallopia convolvulus* (L.) ö.Löve

88, Tranqueville-Graux, Fond de la Vau Chanaie

N 48°26'22.66" E 005°50'21.91", 362m

FR-0-NCY-20215123W

140. *Fallopia dumetorum* (L.) Holub

54, Bayon, berge de la Moselle

N 48°28'15.4" E 006°18'37.8", 245m

FR-0-NCY-20145067W

141. *Fallopia dumetorum* (L.) Holub
54, Nancy, le Haut du Lièvre
N 48°42'16.0" E 006°08'42.2", 342m
FR-0-NCY-20155170W

142. *Fallopia dumetorum* (L.) Holub
88, Dogneville, Falayère, moisson
N48° 12' 27.1" E 006°26' 55.5" 323m
FR-0-NCY-20165085W

144. *Fallopia dumetorum* (L.) Holub
54, Dieulouard, Pont de Mons
N 48°50'58.44 E 006°05'42.55", 219m
FR-0-NCY-20215163W

145. *Persicaria hydropiper* (L.) Spach
54, Méréville, Le Chaon
N 48°35'42.03" E 006°08'9.51", 251m
FR-0-NCY-20215112W

146. *Persicaria lapathifolia* (L.) Delarbre
54, Crépey, Le Coin d'Allain
N 48°31'54.45" E 005°56'31.11", 385m
FR-0-NCY-20215128W

148. *Persicaria lapathifolia* (L.) Delarbre
54, Seichamps, Côte du Chanois
N 48°43'12.90" E 006°15'38.38", 234m
FR-0-NCY-20215013W

149. *Persicaria maculosa* Gray
54, Seichamps, Côte du Chanois
N 48°43'12.90" E 006°15'38.38", 234m
FR-0-NCY-20215016W

Primulaceae

150. *Lysimachia arvensis* (L.) U.Manns & Anderb.
subsp. *arvensis*
54, Biqueley
N 48°36'38.86" E 005° 56'5.57", 289m
FR-0-NCY-20215130W

151. *Lysimachia arvensis* (L.) U.Manns & Anderb.
subsp. *arvensis*
54, Germiny
N 48°33'20.6" E 005°59'58.6", 382m
FR-0-NCY-20215154W

152. *Lysimachia foemina* (Mill.) U.Manns & Anderb.
54, Germiny
N 48°33'20.6" E 005°59'58.6", 382m
FR-0-NCY-20215148W

153. *Lysimachia foemina* (Mill.) U.Manns & Anderb.
54, Maizières, Champs Célieux
N 48°35'6.09" E 006°03'06.8", 326m
FR-0-NCY-20215153W

Rosaceae

156. *Poterium sanguisorba* L.
subsp. *balearica* (Bourg. ex Nyman) Stace
54, Maizières, Derrière la Ville
N 48°34'43.38" E 006°03'49.87", 238m
FR-0-NCY-20205029W

157. *Poterium sanguisorba* L.
subsp. *sanguisorba*
57, Jussy, le Pâtural
N 49°06'12.5" E 006°03'50.7", 336m
FR-0-NCY-20155006W

Rubiaceae

158. *Galium aparine* L.
54, Seichamps, Côte du Chanois
N 48°43'12.90" E 006°15'38.38", 234m
FR-0-NCY-20215014W

159. *Sherardia arvensis* L.
54, Crépey, Fond de Corre
N 48°30'51.75" E 005°57'12.36", 400m
FR-0-NCY-20205097W

160. *Sherardia arvensis* L.
54, Gondreville, Belle Seille
N 48°40'16.9" E 005°58'00.3", 262m
FR-0-NCY-20165053W

Violaceae

161. *Viola arvensis* Murray
var. *arvensis*
54, Gondreville, Belle Seille
N 48°40'16.9" E 005°58'00.3", 262m
FR-0-NCY-20165054W

162. *Viola arvensis* Murray
var. *arvensis*
54, Ochey, champs de blé
N48°34'23.9" E 005°56'00.8", 321m
FR-0-NCY-20165016W

163. *Viola arvensis* Murray
var. *arvensis*
54, Thélod, Le Mont
N 48°32'58.5" E 006°01'47.9", 427m
FR-0-NCY-20205030W

164. *Viola arvensis* Murray
var. *arvensis*
55, Réville-aux-Bois, les Claires Chênes
N 49°20'10.8" E 005°18'15.7", 330m
FR-0-NCY-20165063W

165. *Viola arvensis* Murray
var. *arvensis*
54, Maizières, Champs Célieux
N 48°35'6.09" E 006°03'06.8", 326m
FR-0-NCY-20215135W

Massif des Vosges Vosges Mountains



Scilla bifolia L., Drumont(88), 1200m
Photographie : Sébastien ANTOINE

PTERIDOPHYTA

Aspleniaceae

166. *Asplenium adiantum-nigrum* L.
var. *silesiacum* (Milde) Milde
88, St-Etienne-lès-Remiremont, Haut des Viaux
N 48°04'39.8" E 006°38'17.5", 610m
FR-0-NCY-20125114W

167. *Asplenium adiantum-nigrum* L.
var. *silesiacum* (Milde) Milde
88, St-Etienne-lès-Remiremont, Crébimont
N 48°04'39.3" E 006°38'18.3", 610m
FR-0-NCY-20195112W

168. *Asplenium ruta-muraria* L.
subsp. *ruta-muraria*
68, Luttenbach-près-Munster, Fronzell
N 48°01'59.4" E 007°06'32.9", 431m
FR-0-NCY-20195064W

169. *Asplenium septentrionale* (L.) Hoffm.
subsp. *septentrionale*
68, Wasserbourg, Petit Ballon
N 47°58'51.3" E 007°07'46.5", 1197m
FR-0-NCY-20195063W

170. *Asplenium septentrionale* (L.) Hoffm.
subsp. *septentrionale*
88, Gerbamont, les Plateaux
N 47°59'50.5" E 006°47'07.9", 882m
FR-0-NCY-20195083W

171. *Asplenium trichomanes* L.
subsp. *trichomanes*
88, Vagney, Zainvillers
N 47°59'06.6" E 006°42'59.4", 434m
FR-0-NCY-20195113W

Blechnaceae

172. *Struthiopteris spicant* (L.) Weiss
var. *spicant*
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie d'altitude
N 48°03'12.2" E 007°00'47.4", 1212m
FR-0-NCY-20175017W

173. *Struthiopteris spicant* (L.) Weiss
var. *spicant*
88, St-Etienne-lès-Remiremont, mausolée Ste-
Thérèse
N 48°04'09.2" E 006°40'16.3", 727m
FR-0-NCY-20195114W

Dryopteridaceae

174. *Dryopteris affinis* (Lowe) Fraser-Jenk.
subsp. *borreri* (Newman) Fraser-Jenk.
88, St-Etienne-lès-Remiremont, Haut des Viaux
N 48°04'37.5" E 006°38'20.3", 620m
FR-0-NCY-20125118W

175. *Dryopteris carthusiana* (Vill.) H.P.Fuchs
88, Xonrupt-Longemer, Cascade Charlemagne
N 48°03'10.2" E 006°59'22.2", 820m
FR-0-NCY-20125050W

176. *Dryopteris dilatata* (Hoffm.) A.Gray
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.7" E 007°00'42.7", 1216m
FR-0-NCY-20195035W

179. *Dryopteris dilatata* (Hoffm.) A.Gray
68, Metzeral, le Rainkopf, Pferrey
N 48°00'41.1" E 006°59'06.7", 1174m
FR-0-NCY-20175064W

178. *Dryopteris filix-mas* (L.) Schott
88, Cleurie, Tête Payée
N 48°03'39.4" E 006°40'49.5", 677m
FR-0-NCY-20195110W

180. *Dryopteris filix-mas* (L.) Schott
88, Xonrupt-Longemer, route de Retournermer
N 48°03'00.1" E 006°59'08.0", 923m
FR-0-NCY-20175119W

177. *Polystichum aculeatum* (L.) Roth
67, Grandfontaine, Cascade de la Crache
N 48°29'39.8" E 007°06'29.5", 600m
FR-0-NCY-20125078W

Polypodiaceae

181. *Polypodium vulgare* L.
88, Rupt-sur-Moselle, la Mariotte
N 47°54'48.5" E 006°41'15.9", 500m
FR-0-NCY-20125121W

182. *Polypodium vulgare* L.
88, Vagney, Zainvillers
N 47°59'06.6" E 006°42'59.4", 434m
FR-0-NCY-20195111W

Thelypteridaceae

183. *Oreopteris limbosperma* Holub
68, Metzeral, le Rainkopf, Pferrey
N 48°00'41.1" E 006°59'06.7", 1174m
FR-0-NCY-20175063W

184. *Oreopteris limbosperma* (Bellardi ex All.) Holub
88, Xonrupt-Longemer, Cascade Charlemagne
N 48°03'10.2" E 006°59'22.2", 820m
FR-0-NCY-20125054W

185. *Phegopteris connectilis* (Michx.) Watt
88, Vagney, Zainvillers
N 47°59'06.6" E 006°42'59.4", 434m
FR-0-NCY-20195115W

Woodsiaceae

186. *Athyrium filix-femina* (L.) Roth
var. *filix-femina*
88, Xonrupt-Longemer, route de Retourner
N 48°03'00.1" E 006°59'08.0", 923m
FR-0-NCY-20185117W

187. *Athyrium filix-femina* (L.) Roth
var. *filix-femina*
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie d'altitude
N 48°03'12.2" E 007°00'47.4", 1212m
FR-0-NCY-20175022W

188. *Athyrium filix-femina* (L.) Roth
var. *filix-femina*
88, Xonrupt-Longemer, route de Retourner
N 48°03'00.1" E 006°59'08.0", 923m
FR-0-NCY-20175118W

Woodsiaceae

189. *Gymnocarpium dryopteris* (L.) Newman
88, St-Etienne-lès-Remiremont, Haut des Viaux
N 48°04'37.0" E 006°38'20.0", 620m
FR-0-NCY-20125117W

PHANEROGAMAE

GYMNOSPERMAE

Cupressaceae

190. *Juniperus communis* L.
subsp. *communis*
68, Stosswihr, Petit Hohneck
N 48°02'02.9" E 007°02'12.5", 1216m
FR-0-NCY-20185103W

Pinaceae

191. *Picea abies* (L.) H.Karst.
68, Lautenbachzell, D 431
N 47°54'18.4" E 007°05'36.3", 1271m
FR-0-NCY-20145121W

ANGIOSPERMAE

MONOCOTYLEDONEAE

Amaryllidaceae

192. *Allium ursinum* L.
88, Le Valtin, Le Rain des Aulx
N 48°03'42.5" E 007°00'47.9", 1105m
FR-0-NCY-20205122W

193. *Allium victorialis* L.
68, Murbach, Grand Ballon
N 47°54'13.9" E 007°06'05.1", 1358m
FR-0-NCY-20165087W

195. *Narcissus pseudonarcissus* L.
subsp. *pseudonarcissus*
88, Le Valtin, La Combe
N 48°04'37.0" E 007°00'47.3", 863m
FR-0-NCY-20205007W

196. *Narcissus pseudonarcissus* L.
subsp. *pseudonarcissus*
88, Xonrupt-Longemer, Chaume Charlemagne
N 48°02'58.0" E 007°00'43.2", 1250m
FR-0-NCY-20215003W

Asparagaceae

200. *Polygonatum multiflorum* (L.) All.
88, Gerbamont, les Plateaux
N 47°59'50.5" E 006°47'07.9", 882m
FR-0-NCY-20195082W

197. *Polygonatum verticillatum* (L.) All.
68, Rimbach-près-Guebwiller, Grand ballon
N 47°54'23.3" E 007°06'13.9", 1324m
FR-0-NCY-20145158W

198. *Polygonatum verticillatum* (L.) All.
88, Xonrupt-Longemer, Feignes Charlemagne,
N 48°03'12.2" E 007°00'47.4", 1212m
FR-0-NCY-20185090W

199. *Polygonatum verticillatum* (L.) All.
88, Xonrupt-Longemer, hêtraie sous Jardin
d'Altitude
N 48°03'04.3" E 007°00'36.9", 1215m
FR-0-NCY-20215070W

Cyperaceae

201. *Carex brizoides* L.
88, Xonrupt-Longemer, le Collet D34d
N 48°03'01.0" E 007°00'04.8", 1065m
FR-0-NCY-20145079W

202. *Carex brizoides* L.
88, Xonrupt-Longemer, Les Trois Fours
N 48°03'05.9" E 007°00'54.0", 1232m
FR-0-NCY-20215048W

214. *Carex canescens* L.
subsp. *canescens*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'09" E 007°00'44", 1200m
FR-0-NCY-20205201W

203. *Carex demissa* Vahl ex Hartm.
88, Sapois, le Haut du Tôt
N 48°02'44.8" E 006°46'20.2", 846m
FR-0-NCY-20155178W

215. *Carex demissa* Vahl ex Hartm.
68, Wildenstein, Lawinenrunz
N 47°59'41.2" E 006°58'35.8", 1181m
FR-0-NCY-20205113W

204. *Carex echinata* Murray
subsp. *echinata*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.7" E 007°00'42.7", 1216m
FR-0-NCY-20195032W

216. *Carex echinata* Murray
subsp. *echinata*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'06" E 007°00'42", 1220m
FR-0-NCY-20205224W

205. *Carex leporina* L.
68, Metzeral, le Rainkopf, Pferrey
N 48°00'41.1" E 006°59'06.7", 1174m
FR-0-NCY-20175059W

206. *Carex leporina* L.
88, La Bresse, le Kastelberg
N48°01'42,9" E 007° 00'26,8", 1289m
FR-0-NCY-20145089W

207. *Carex leporina* L.
68, Metzeral, le Rainkopf, Pferrey
N 48°00'40.3" E 006°59'06.7", 1186m
FR-0-NCY-20195149W

208. *Carex nigra* (L.) Reichard
subsp. *nigra*
88, La Bresse, en aval de la Fontaine de la
Duchesse
N48°01'44,5" E 006°59'56,00" 1203m
FR-0-NCY-20145087W

217. *Carex nigra* (L.) Reichard
subsp. *nigra*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'06" E 007°00'42", 1220m
FR-0-NCY-20205200W

209. *Carex pallescens* L.
88, Le Tholy, La Rouge Roye
N 48°06'10.2" E 006°42'16.1", 641m
FR-0-NCY-20185007W

210. *Carex panicea* L.
88, Le Tholy, La Rouge Roye
N 48°06'10.2" E 006°42'16.1", 641m
FR-0-NCY-20185006W

218. *Carex paniculata* L.
subsp. *paniculata*
88, Brouvelieures, Neuf Moulin
N 48°14'30.9" E 006°44'18.7", 364m
FR-0-NCY-20205004W

211. *Carex rostrata* Stokes
88, La Bresse, ruisseau du Chitelet
N 48°02'21.6" E 006°59'524" 1100m
FR-0-NCY-20155179W

212. *Carex rostrata* Stokes
88, Sapois, le Haut du Tô
N 48°02'44.8" E 006°46'20.2", 846m
FR-0-NCY-20155108W

213. *Carex rostrata* Stokes
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.7" E 007°00'42.7", 1216m
FR-0-NCY-20195030W

219. *Carex sylvatica* Huds.
subsp. *sylvatica*
68, Wildenstein, Lawinenrunz
N 47°59'41.2" E 006°58'35.8", 1181m
FR-0-NCY-20205114W

220. *Eriophorum angustifolium* Honck.
subsp. *angustifolium*
88, Le Tholy, La Rouge Roye
N 48°06'10.2" E 006°42'16.1", 641m
FR-0-NCY-20185010W

221. *Eriophorum angustifolium* Honck.
subsp. *angustifolium*
88, Le Valtin, Chaume de Montabey
N 48°03'37.8" E 007°01'10.3", 1183m
FR-0-NCY-20185014W

222. *Eriophorum vaginatum* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8", 1220m
FR-0-NCY-20165021W

223. *Eriophorum vaginatum* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8", 1220m
FR-0-NCY-20185015W

224. *Scirpus sylvaticus* L.
88, Xonrupt-Longemer, Lac de Retournemer
N 48°03'19.8" E 006°59'11.8", 784m
FR-0-NCY-20155155W

225. *Scirpus sylvaticus* L.
88, Xonrupt-Longemer, Lac de Retournemer
N 48°03'28.0" E 006°59'06.0", 783m
FR-0-NCY-20185120W

226. *Scirpus sylvaticus* L.
88, Le Valtin, La Combe
N 48°04'37.0" E 007°00'47.3", 863m
FR-0-NCY-20205220W

227. *Trichophorum cespitosum* (L.) Hartm.
subsp. *germanicum* (Palla) Hegi
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8", 1220m
FR-0-NCY-20185020W

228. *Trichophorum cespitosum* (L.) Hartm.
subsp. *germanicum* (Palla) Hegi
88, Xonrupt-Longemer, Feignes Charlemagne,
tourbière
N 48°03'07.8" E 007°00'45.8", 1220m
FR-0-NCY-20175014W

Juncaceae

229. *Juncus acutiflorus* Ehrh. ex Hoffm.
88, Xonrupt-Longemer, bord de la D 430
N 48°02'55.8" E 007°00'33.7", 1228m
FR-0-NCY-20195017W

230. *Juncus acutiflorus* Ehrh. ex Hoffm.
88, Xonrupt-Longemer, point de vue
N 48°02'56" E 007°00'33", 1254m
FR-0-NCY-20205203W

231. *Juncus articulatus* L.
subsp. *articulatus*
68, Metzeral, le Rainkopf, Pferrey
N 48°00'40.3" E 006°59'06.7", 1186m
FR-0-NCY-20195150W

232. *Juncus articulatus* L.
subsp. *articulatus*
88, Xonrupt-Longemer, point de vue
N 48°02'56" E 007°00'33", 1263m
FR-0-NCY-20205221W

233. *Juncus bulbosus* L.
subsp. *bulbosus*
88, Sapois, le Haut du Tô
N 48°02'44.8" E 006°46'20.2", 846m
FR-0-NCY-20155112W

234. *Juncus bulbosus* L.
subsp. *bulbosus*
88, Xonrupt-Longemer, bord de la Vologne
N 48°03'07" E 007°00'39", 1218m
FR-0-NCY-20205225W

235. *Juncus compressus* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'04" E 007°00'40", 1220m
FR-0-NCY-20205209W

236. *Juncus conglomeratus* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07" E 007°00'43", 1222m
FR-0-NCY-20205206W
237. *Juncus conglomeratus* L.
88, Xonrupt-Longemer, bord de la D 430
N 48°02'56.4" E 007°00'35.3", 1228m
FR-0-NCY-20195016W
238. *Juncus effusus* L.
88, La Bresse, en aval de la Fontaine de la
Duchesse
N 48°01'45.6" E 006°59'53.9", 1191m
FR-0-NCY-20145093W
239. *Juncus effusus* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.7" E 007°00'42.7", 1216m
FR-0-NCY-20155098W
241. *Juncus filiformis* L.
88, Xonrupt-Longemer, bord de la Route des Crêtes
N 48°02'57" E 007°00'33", 1254m
FR-0-NCY-20205205W
242. *Juncus filiformis* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07" E 007°00'43", 1222m
FR-0-NCY-20205208W
243. *Juncus squarrosus* L.
88, La Bresse, en aval de la Fontaine de la
Duchesse
N 48°01'45.6" E 006°59'53.9", 1191m
FR-0-NCY-20185122W
244. *Juncus squarrosus* L.
88, Xonrupt-Longemer, bord de la Route des Crêtes
N 48°02'56" E 007°00'33", 1254m
FR-0-NCY-20205204W
245. *Juncus squarrosus* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'06" E 007°00'41", 1220m
FR-0-NCY-20205207W
246. *Juncus tenuis* Willd.
subsp. *tenuis*
88, Xonrupt-Longemer, point de vue
N 48°02'57" E 007°00'33", 1253m
FR-0-NCY-20205211W
257. *Luzula campestris* DC.
subsp. *campestris*
67, Belmont, Chemin des Vieux prés
N 48°24'19.6" E 007°15'34.7", 1009m
FR-0-NCY-20205009W
258. *Luzula campestris* DC.
subsp. *campestris*
88, Brouvelieures, Neuf Moulin
N 48°14'30.9" E 006°44'18.7", 364m
FR-0-NCY-20205005W
247. *Luzula desvauxii* Kunth
88, La Bresse, Le Hohneck, Col de Falimont
N 48°02'27.3" E 007°00'42.0", 1312m
FR-0-NCY-20155088W
248. *Luzula desvauxii* Kunth
88, La Bresse, Le Hohneck, Col de Falimont
N 48°02'27.0" E 007°00'38.6", 1320m
FR-0-NCY-20135062W
259. *Luzula desvauxii* Kunth
68, Metzeral, Cirque du Wormspel
N 48°01'59.59" E 007°00'49.29", 1245m
FR-0-NCY-20205100W
249. *Luzula luzuloides* (Lam.) Dandy & Wilmott
var. *erythranthema* (Wallr.) I.Grint.
68, Metzeral, Cirque Ammelthal
N 48°01'28.6" E 007°00'32.2", 1245m
FR-0-NCY-20185123W
250. *Luzula luzuloides* (Lam.) Dandy & Wilmott
var. *erythranthema* (Wallr.) I.Grint.
68, Metzeral, le Kastelberg
N 48°01'39.8" E 007°00'28.4", 1298m
FR-0-NCY-20145094W
251. *Luzula luzuloides* (Lam.) Dandy & Wilmott
var. *luzuloides*
88, Xonrupt-Longemer, route de Retournemer
N 48°03'00.1" E 006°59'08.0", 923m
FR-0-NCY-20185124W
260. *Luzula luzuloides* (Lam.) Dandy & Wilmott
var. *luzuloides*
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie
N 48°03'09" E 007°00'47", 1216m
FR-0-NCY-20205196W
261. *Luzula multiflora* (Ehrh.) Lej.
subsp. *multiflora*
68, Linthal, Oberlauchchen
N 47°56'37.4" E 007°02'20.8", 1103m
FR-0-NCY-20195009W

262. *Luzula multiflora* (Ehrh.) Lej.
subsp. *multiflora*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.7" E 007°00'42.7", 1216m
FR-0-NCY-20195033W

263. *Luzula pilosa* (L.) Willd.
88, Brouvelieures, Colasmont
N 48°14'42.5" E 006°44'16.9", 374m
FR-0-NCY-20205006W

252. *Luzula sudetica* (Willd.) Schult.
88, La Bresse, en aval de la Fontaine de la
Duchesse
N 48°01'44.7" E 006°59'56.0", 1201m
FR-0-NCY-20145095W

253. *Luzula sudetica* (Willd.) Schult.
88, Xonrupt-Longemer, Le Hohneck
N 48°02'54.4" E 007°00'39.1", 1255m
FR-0-NCY-20145030W

264. *Luzula sudetica* (Willd.) Schult.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07" E 007°00'43", 1220m
FR-0-NCY-20205213W

254. *Luzula sylvatica* (Huds.) Gaudin
subsp. *sylvatica*
88, Le Valtin, Col de la Schlucht, Montabey
N 48°03'26.9" E 007°01'07.8", 1246m
FR-0-NCY-20195018W

255. *Luzula sylvatica* (Huds.) Gaudin
subsp. *sylvatica*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.3" E 007°00'50.1", 1227m
FR-0-NCY-20215033W

256. *Luzula sylvatica* (Huds.) Gaudin
subsp. *sylvatica*
88, Le Valtin, Montabey
N 48°03'22.2" E 007°01'16.1", 1239m
FR-0-NCY-20185042W

265. *Trichophorum cespitosum* (L.) Hartm.
subsp. *germanicum* (Palla) Hegi
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8", 1220m
FR-0-NCY-20215065W

Liliaceae

266. *Lilium martagon* L.
88, La Bresse, Route des crêtes (D 430)
N 48°01'52.6" E 007°00'11.3", 1271m
FR-0-NCY-20165115W

267. *Lilium martagon* L.
68, Metzeral, Cirque Ammelthal
N 48°01'28.6" E 007°00'32.2", 1245m
FR-0-NCY-20185127W

Melanthaceae

268. *Paris quadrifolia* L.
88, La Bresse, route de Schmargult
N 48°01'49.3" E 007°00'00.1", 1212m
FR-0-NCY-20165082W

269. *Paris quadrifolia* L.
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie d'altitude
N 48°03'12.2" E 007°00'47.4", 1212m
FR-0-NCY-20215068W

270. *Paris quadrifolia* L.
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie d'altitude
N 48°03'12.2" E 007°00'47.4", 1212m
FR-0-NCY-20205109W

Orchidaceae

271. *Platanthera chlorantha* (Custer) Rchb.
88, Barbey-Seroux, Champ de Roches
N 48°07'48.0" E 006°51'28.2", 725m
FR-0-NCY-20135108W

272. *Pseudorchis albida* (L.) Á.Löve & D.Löve
subsp. *albida*
88, La Bresse, Le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20215083W

Poaceae

273. *Agrostis capillaris* L.
68, Metzeral, le Rainkopf, Pferrey
N 48°00'41.1" E 006°59'06.7", 1174m
FR-0-NCY-20175055W

274. *Agrostis capillaris* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.7" E 007°00'42.7", 1216m
FR-0-NCY-20155099W

276. *Agrostis capillaris* L.
68, Metzeral, Cirque Ammelthal
N 48°01'28.6" E 007°00'32.2", 1245m
FR-0-NCY-20185131W

275. *Agrostis stolonifera*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.7" E 007°00'42.7", 1216m
FR-0-NCY-20155100W
277. *Agrostis stolonifera* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07" E 007°00'46", 1220m
FR-0-NCY-20205214W
278. *Alopecurus pratensis* L.
subsp. *pratensis*
88, Le Valtin, Montabey
N 48°03'37.1" E 007°01'02.3", 1246m
FR-0-NCY-20205130W
279. *Anthoxanthum alpinum* Á.Löve & D.Löve
88, Le Valtin, Roches du Valtin
N 48°06'14.5" E 007°01'14.6", 998m
FR-0-NCY-20215006W
280. *Anthoxanthum odoratum* L.
68, Metzeral, le Rainkopf, Pferrey
N 48°00'41.6" E 006°59'06.2", 1176m
FR-0-NCY-20135013W
281. *Anthoxanthum odoratum* L.
88, Le Valtin, Montabey
N 48°03'19.6" E 007°01'05.3", 1241m
FR-0-NCY-20145031W
282. *Arrhenatherum elatius* (L.) P.Beauv. ex J.Presl
& C.Presl
subsp. *elatius*
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie d'altitude
N 48°03'12.2" E 007°00'47.4", 1212m
FR-0-NCY-20205110W
283. *Avenella flexuosa* (L.) Drejer
subsp. *flexuosa*
68, Metzeral, le Rainkopf, Pferrey
N 48°00'41.1" E 006°59'06.7", 1174m
FR-0-NCY-20175056W
284. *Avenella flexuosa* (L.) Drejer
subsp. *flexuosa*
88, Xonrupt-Longemer, la Grange Mauselaine
N 48°03'46.4" E 006°57'59.0", 753m
FR-0-NCY-20155163W
285. *Avenella flexuosa* (L.) Drejer
subsp. *flexuosa*
88, La Bresse, Chemin des Chaumes
N 48°01'47.2" E 007°00'03.3", 1209m
FR-0-NCY-20185132W
286. *Calamagrostis arundinacea* (L.) Roth
68, Metzeral, le Rainkopf, Pferrey
N 48°00'41.1" E 006°59'06.7", 1174m
FR-0-NCY-20175057W
287. *Calamagrostis arundinacea* (L.) Roth
68, Metzeral, Cirque Ammelthal
N 48°01'28.6" E 007°00'32.2", 1245m
FR-0-NCY-20215090W
289. *Calamagrostis arundinacea* (L.) Roth
68, Metzeral, le Rainkopf, Pferrey
N 48°00'41.1" E 006°59'06.7", 1174m
FR-0-NCY-20195154W
290. *Dactylis glomerata* L.
68, Metzeral, le Rainkopf, Pferrey
N 48°00'38.9" E 006°59'01.1", 1251m
FR-0-NCY-20195153W
291. *Danthonia decumbens* (L.) DC.
88, Le Tholy, La Rouge Roye
N 48°06'10.2" E 006°42'16.1", 641m
FR-0-NCY-20185008W
292. *Danthonia decumbens* (L.) DC.
88, Saulxures-sur-Moselotte, le Beu
N 47°57'06.0" E 006°48'43.0", 490m
FR-0-NCY-20195034W
293. *Deschampsia cespitosa* (L.) P.Beauv.
subsp. *cespitosa*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'08" E 007°00'46", 1217m
FR-0-NCY-20205229W
294. *Drymochloa sylvatica* (Pollich) Holub
88, Wisembach, le Château de Faîte
N 48°14'42.6" E 007°07'56.2", 789m
FR-0-NCY-20185099W
295. *Festuca csikhegyensis* Simonk.
var. *vogesiaca* Boeuf & J.P.Berchtcht.
68, Rimbach-prés-Masevaux, Joppelberg
N 47°50'0.93" E 006°54'15.59", 879m
FR-0-NCY-20205173W
296. *Festuca heteromalla* Pourr.
68, Metzeral, Col du Rothenbakopf
N 48°00'19.2" E 006°58'50.5", 1201m
FR-0-NCY-20205117W
297. *Festuca ovina* L.
subsp. *caeruleosaxatilis* Boeuf & J.P.Berchtcht
88, Bussang, Le Charat
N 47°53'39.74" E 006°53'20.95", 878m
FR-0-NCY-20205103W

298. *Festuca ovina* L.
 subsp. *caeruleosaxatilis* Boeuf & J.P.Bercht
 88, Lautenbach Zell, Hundskopf
 N 47°54'38.86" E 007°03'25.61", 1210m
 FR-0-NCY-20205102W
299. *Festuca rivularis* L.
 subsp. *rivularis*
 88, Xonrupt-Longemer, Feignes Charlemagne
 N 48°03'08" E 007°00'47", 1218m
 FR-0-NCY-20205216W
300. *Festuca rubra* L.
 subsp. *juncea* (Hack.) K.Richt.
 88, Xonrupt-Longemer, bord de la Route des Crêtes
 N 48°03'02.1" E 007°00'38.6", 1229m
 FR-0-NCY-20205217W
301. *Festuca wormspeliensis* Boeuf &
 J.P.Berchtcht.
 var. *wormspeliensis*
 68, Metzeral, Cirque du Wormspel
 N 48°02'01.03" E 007°00'48.83", 1181m
 FR-0-NCY-20205101W
302. *Milium effusum* L.
 67, Belmont, Che des Vieux pres
 N 48°24'19.6" E 007°15'34.7", 1009m
 FR-0-NCY-20205013W
303. *Molinia caerulea* (L.) Moench
 88, Xonrupt-Longemer, Feignes Charlemagne
 N 48°03'07.1" E 007°00'43.8", 1220m
 FR-0-NCY-20165133W
304. *Molinia caerulea* (L.) Moench
 88, Xonrupt-Longemer, Feignes Charlemagne
 N 48°03'07.7" E 007°00'42.7", 1216m
 FR-0-NCY-20155101W
305. *Molinia caerulea* (L.) Moench
 88, Xonrupt-Longemer, Feignes Charlemagne
 N 48°03'09" E 007°00'47", 1215m
 FR-0-NCY-20205218W
306. *Nardus stricta* L.
 68, Metzeral, Cirque Ammelthal
 N 48°01'28.6" E 007°00'32.2", 1245m
 FR-0-NCY-20185135W
308. *Nardus stricta* L.
 88, La Bresse, Firstmiss
 N 48°01'02.3" E 006°59'16.6", 1217m
 FR-0-NCY-20195151W
309. *Nardus stricta* L.
 88, Xonrupt-Longemer, Chaume Charlemagne
 N 48°02'56.0" E 007°00'42.3", 1299m
 FR-0-NCY-20215025W
310. *Phalaris arundinacea* L.
 subsp. *arundinacea*
 88, Xonrupt-Longemer, Lac de Retournemer
 N 48°03'28.0" E 006°59'06.0", 783m
 FR-0-NCY-20185136W
311. *Poa compressa* L.
 88, Le Valtin
 N 48°06'45.6" E 007°02'10.1", 724m
 FR-0-NCY-20175027W
312. *Poa nemoralis* L.
 88, La Bresse, Rainkopf
 N 48°00'40.7" E 006°58'43.2", 1173m
 FR-0-NCY-20205118W
313. *Poa pratense* L.
 88, Bussang, Le Charat
 N 47°53'39.74" E 006°53'20.95", 878m
 FR-0-NCY-20205140W
314. *Poa trivialis* L.
 subsp. *trivialis*
 88, Le Valtin, Source de la Meurthe
 N 48°03'25.8" E 007°00'48.2", 1192m
 FR-0-NCY-20205132W
315. *Poa trivialis* L.
 subsp. *trivialis*
 88, Xonrupt-Longemer, Feignes Charlemagne
 N 48°03'09" E 007°00'47", 1215m
 FR-0-NCY-20205131W

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Amaranthaceae

316. *Atriplex patula* L.

88, Xonrupt-Longemer, bord de la D 67, le Parigoutte
N 48°03'46.7" E 006°57'57.4", 753m
FR-0-NCY-20145122W

317. *Blitum bonus-henricus* (L.) Rchb.

68, Murbach, Hôtel du Grand Ballon
N 47°54'15.3" E 007°06'10.2", 1344m
FR-0-NCY-20165086W

318. *Blitum bonus-henricus* (L.) Rchb.

68, Rimbach-près-Guebwiller, Grand Ballon, hôtel du Grand Ballon
N 47°54'17.1" E 007°06'08.0", 1338m
FR-0-NCY-20145123W

319. *Blitum bonus-henricus* (L.) Rchb.

68, Linthal, Oberlauchen
N 47°56'37.4" E 007°02'20.8", 1103m
FR-0-NCY-20195007W

Apiaceae

320. *Angelica sylvestris* L.

subsp. *bernardae* Reduron
88, Xonrupt-Longemer, l'Envers de Longemer
N 48°03'52.5" E 006°57'09.6", 733m
FR-0-NCY-20155147W

321. *Angelica sylvestris* L.

subsp. *sylvestris*
88, Xonrupt-Longemer, l'Envers de Longemer
N 48°03'52.5" E 006°57'09.6", 733m
FR-0-NCY-20195129W

322. *Anthriscus sylvestris* (L.) Hoffm.

subsp. *sylvestris*
88, La Forge, Roches Chevalières
N 48°04'27.4" E 006°43'39.2", 694m
FR-0-NCY-20215004W

323. *Chaerophyllum hirsutum* L.

var. *hirsutum*
88, Xonrupt-Longemer, bord de la D 430
N 48°02'56.4" E 007°00'35.3", 1228m
FR-0-NCY-20145017W

324. *Chaerophyllum hirsutum* L.

var. *hirsutum*
88, Xonrupt-Longemer, Lac de Retournemer
N 48°03'28.0" E 006°59'06.0", 783m
FR-0-NCY-20215080W

325. *Epikeros pyrenaicus* (L.) Raf.

88, Xonrupt-Longemer, bord de la D 430
N 48°02'56.4" E 007°00'35.3", 1228m
FR-0-NCY-20205174W

326. *Epikeros pyrenaicus* (L.) Raf.

88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8", 1220m
FR-0-NCY-20215038W

327. *Epikeros pyrenaicus* (L.) Raf.

88, Xonrupt-Longemer, Le Hohneck
N 48°02'58.1" E 007°00'42.1", 1248m
FR-0-NCY-20195011W

328. *Heracleum sphondylium* L.

subsp. *sphondylium*
68, Rimbach-près-Guebwiller, Grand ballon
N 47°54'23.0" E 007°06'15.1", 1328m
FR-0-NCY-20155148W

329. *Heracleum sphondylium* L.

subsp. *sphondylium*
88, La Bresse, Le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20165088W

330. *Laserpitium latifolium* L.

var. *latifolium*
88, La Bresse, Le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20165089W

331. *Laserpitium latifolium* L.

var. *latifolium*
88, La Bresse, Le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20215091W

332. *Meum athamanticum* Jacq.

subsp. *athamanticum*
88, Xonrupt-Longemer, bord de la D 430
N 48°03'03.7" E 007°00'49.7", 1233m
FR-0-NCY-20215047W

333. *Meum athamanticum* Jacq.

subsp. *athamanticum*
88, Xonrupt-Longemer, Chaume Charlemagne
N 48°02'56.0" E 007°00'42.3", 1299m
FR-0-NCY-20215027W

335. *Meum athamanticum* Jacq.
subsp. *athamanticum*
88, Le Valtin, Les Hautes Navières
N 48°05'32.06" E 007° 01'24.62", 812m
FR-0-NCY-20205112W

336. *Meum athamanticum* Jacq.
subsp. *athamanticum*
88, Xonrupt-Longemer, Le Hohneck
N 48°02'58.1" E 007°00'42.1", 1248m
FR-0-NCY-20195010W

337. *Pimpinella saxifraga* L.
subsp. *saxifraga* var. *saxifraga*
68, Murbach, Grand Ballon
N 47°54'23.3" E 007°06'13.9", 1325m
FR-0-NCY-20165091W

338. *Sanicula europaea* L.
88, La Petite-Raon, Chasserupt
N 48°24'25.4" E 007°00'31.86", 400m
FR-0-NCY-20205036W

339. *Sanicula europaea* L.
88, Le Valtin, La Groube
N 48°07'55.4" E 007°01'57.3", 704m
FR-0-NCY-20205139W

Aquifoliaceae

340. *Ilex aquifolium* L.
f. *aquifolium*
88, Gerbamont, les Plateaux
N 47°59'50.5" E 006°47'07.9", 882m
FR-0-NCY-20195077W

Asteraceae

341. *Achillea ptarmica* L.
subsp. *ptarmica*
88, Saulxures-sur-Moselotte, le Beu
N 47°57'06.0" E 006°48'43.0", 490m
FR-0-NCY-20195019W

342. *Achillea millefolium* L.
subsp. *millefolium*
88, La Bresse, Le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20195131W

343. *Adenostyles alliariae* (Gouan) A.Kern.
var. *alliariae*
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie
N 48°03'09" E 007°00'47", 1218m
FR-0-NCY-20205194W

344. *Adenostyles alliariae* (Gouan) A.Kern.
var. *alliariae*
88, Xonrupt-Longemer, Feignes Charlemagne,
tourbière
N 48°03'07.8" E 007°00'45.8", 1220m
FR-0-NCY-20215041W

345. *Adenostyles alliariae* (Gouan) A.Kern.
var. *alliariae*
88, Xonrupt-Longemer, point de vue
N 48°02'57.3" E 007°00'34.7", 1235m
FR-0-NCY-20205228W

347. *Arnica montana* L.
var. *montana*
88, Xonrupt-Longemer, Chaume Charlemagne
N 48°02'56.0" E 007°00'42.3", 1299m
FR-0-NCY-20215029W

348. *Arnica montana* L.
var. *montana*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.4" E 007°00'51.7", 1229m
FR-0-NCY-20215050W

349. *Arnica montana* L.
var. *montana*
88, Le Valtin, Col de la Schlucht, Montabey
N 48°03'26.9" E 007°01'07.8", 1246m
FR-0-NCY-20195012W

350. *Carduus personata* (L.) Jacq.
88, La Bresse, le Hohneck
N 48°02'17.5" E 007°00'41.7", 1306m
FR-0-NCY-20185047W

351. *Carduus personata* (L.) Jacq.
88, Xonrupt-Longemer, Lac de Retournemer
N 48°03'19.8" E 006°59'11.8", 784m
FR-0-NCY-20215094W

352. *Carduus personata* (L.) Jacq.
88, Xonrupt-Longemer, Lac de Retournemer
N 48°03'19.8" E 006°59'11.8", 784m
FR-0-NCY-20155150W

353. *Centaurea nigra* L.
subsp. *nigra*
88, La Bresse, en aval de la Fontaine de la
Duchesse
N 48°01'45.6" E 006°59'53.9", 1191m
FR-0-NCY-20185108W

354. *Centaurea nigra* L.
subsp. *nigra*
88, La Bresse, Le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20165095W
355. *Cirsium palustre* (L.) Scop.
88, Sapois, le Haut du Tôt
N 48°02'44.8" E 006°46'20.2", 846m
FR-0-NCY-20155103W
356. *Crepis paludosa* (L.) Moench
88, Le Tholy, La Rouge Roye
N 48°06'10.2" E 006°42'16.1", 641m
FR-0-NCY-20185001W
357. *Crepis paludosa* (L.) Moench
88, Le Valtin, Source de la Meurthe
N 48°03'25.8" E 007°00'48.2", 1192m
FR-0-NCY-20205123W
358. *Cyanus montanus* (L.) Hill
88, La Bresse, Rainkopf
N 48°00'40.7" E 006°58'43.2", 1173m
FR-0-NCY-20165096W
359. *Gnaphalium uliginosum* L.
88, Vagney, Moyemont
N 48°02'05.3" E 006°45'15.9", 841m
FR-0-NCY-20155104W
360. *Gnaphalium uliginosum* L.
88, Gerbamont, Col du Haut de Fouchere
N 47°59'46.2" E 006°46'24.7", 791m
FR-0-NCY-20195078W
361. *Hieracium albidum* Vill.
88, La Bresse, Le Hohneck
N 48°02'14.1" E 007°00'46.8", 1323m
FR-0-NCY-20205176W
362. *Hieracium laevigatum* Willd.
88, Xonrupt-Longemer, bord de la D 430
N 48°03'03.7" E 007°00'49.7", 1233m
FR-0-NCY-20215057W
363. *Hieracium lanceolatum* Vill.
88, Xonrupt-Longemer, bord de la D 430
N 48°03'03.7" E 007°00'49.7", 1233m
FR-0-NCY-20215043W
364. *Hieracium lanceolatum* Vill.
88, La Bresse, Le Hohneck
N 48°02'14.1" E 007°00'46.8", 1323m
FR-0-NCY-20205175W
365. *Hieracium sabaudum* L.
88, La Bresse, route de Schmargult
N 48°01'49.3" E 007°00'00.1", 1212m
FR-0-NCY-20165098W
366. *Hieracium umbellatum* L.
68, Soultz-Haut-Rhin, Grand Ballon
N 47°54'05.7" E 007°05'56.5", 1430m
FR-0-NCY-20145125W
367. *Hieracium umbellatum* L.
88, La Bresse, Le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20215086W
369. *Lactuca alpina* (L.) Benth. & Hook.f.
88, Xonrupt-Longemer, bord de la D 430
N 48°02'29.7" E 007°00'35.7", 1229m
FR-0-NCY-20215023W
373. *Lactuca alpina* (L.) Benth. & Hook.f.
88, Xonrupt-Longemer, bord de la D 430
N 48°02'55.8" E 007°00'33.7", 1228m
FR-0-NCY-20205230W
370. *Lactuca muralis* (L.) Gaertn.
88, Xonrupt-Longemer, route de Retournermer
N 48°03'00.1" E 006°59'08.0", 923m
FR-0-NCY-20185109W
371. *Lactuca plumieri* (L.) Gren. & Godr.
88, Xonrupt-Longemer, bord de la D 430
N 48°02'56.4" E 007°00'35.3", 1228m
FR-0-NCY-20185039W
372. *Lactuca plumieri* (L.) Gren. & Godr.
88, Xonrupt-Longemer, bord de la D430
N 48°02'56.4" E 007°00'35.3", 1228m
FR-0-NCY-20155040W
375. *Lactuca plumieri* (L.) Gren. & Godr.
88, Xonrupt-Longemer, Hêtraie jardin d'altitude
N 48°03'05.3" E 007°00'45.5", 1226m
FR-0-NCY-20205106W
376. *Lapsana communis* L.
subsp. *intermedia* (M.Bieb.) Hayek
88, Xonrupt-Longemer, Lac de Retournermer
N 48°03'19.8" E 006°59'11.8", 784m
FR-0-NCY-20155151W
377. *Lapsana communis* L.
subsp. *intermedia* (M.Bieb.) Hayek
88, Xonrupt-Longemer, Lac de Retournermer
N 48°03'28.0" E 006°59'06.0", 783m
FR-0-NCY-20185110W

378. *Leontodon hispidus* L.
68, Murbach, Grand Ballon
N 47°54'24.8" E 007°06'14.1", 1320m
FR-0-NCY-20165099W
379. *Leontodon hispidus* L.
88, Xonrupt-Longemer, route des Crêtes
N 48°02'56.3" E 007°00'33.2", 1231m
FR-0-NCY-20155062W
380. *Leucanthemum ircutianum* DC.
68, Metzeral, le Rainkopf, Pferrey
N 48°00'38.9" E 006°59'01.1", 1251m
FR-0-NCY-20135048W
381. *Logfia minima* (Sm.) Dumort.
88, Saint-Etienne-lès-Remiremont
N 48°01'02.8" E 006°36'43.1", 386m
FR-0-NCY-20165100W
384. *Omalotheca norvegica* (Gunnerus) Sch.Bip. & F.W.Schultz
68, Metzeral, Wormspel
N 48°02'04.3" E 007°00'41.2", 1252m
FR-0-NCY-20135048W
385. *Omalotheca norvegica* (Gunnerus) Sch.Bip. & F.W.Schultz
88, La Bresse, le Hohneck
N 48°02'17.5" E 007°00'41.7", 1306m
FR-0-NCY-20185105W
382. *Omalotheca sylvatica* (L.) Sch.Bip. & F.W.Schultz
88, La Bresse, Chemin de Schmargult
N 48°01'47.1" E 006°59'54.1", 1190m
FR-0-NCY-20175041W
383. *Omalotheca sylvatica* (L.) Sch.Bip. & F.W.Schultz
88, La Bresse, Route des crêtes (D 430)
N 48°01'49.2" E 007°00'16.9", 1253m
FR-0-NCY-20165097W
386. *Omalotheca sylvatica* (L.) Sch.Bip. & F.W.Schultz
88, La Bresse, Route des crêtes (D 430)
N 48°01'49.2" E 007°00'16.9", 1253m
FR-0-NCY-20215075W
387. *Petasites albus* (L.) Gaertn.
68, Sainte-Marie-aux-Mines, Col des Bagenelles
N 48°11'27.8" E 007°06'54.0", 891m
FR-0-NCY-20215103W
390. *Petasites albus* (L.) Gaertn.
88, Xonrupt-Longemer, Feignes Forie
N 48°02'43.0" E 006°59'56.6", 1000m
FR-0-NCY-20215002W
391. *Picris hieracioides* L.
subsp. *umbellata* (Schrank) Ces.
68, Stosswihr, Schaefenthal
N 48°02'17.3" E 007°01'39.4", 1165m
FR-0-NCY-20145035W
394. *Pilosella lactucella* (Wallr.) P.D.Sell & C.West
subsp. *lactucella*
67, Bellefosse, Forêt de Chirgoutte
N 48°22'54.8" E 007°15'03.3", 994m
FR-0-NCY-20205008W
392. *Pilosella officinarum* F.W.Schultz & Sch.Bip.
54, Villers-lès-Nancy, Plateau de Villers
N 48°39'31.3" E 006°08'07.2", 371m
FR-0-NCY-20175101W
393. *Pilosella officinarum* F.W.Schultz & Sch.Bip.
54, Villers-lès-Nancy, Plateau de Villers
N 48°39'43.4" E 006°08'08.8", 360m
FR-0-NCY-20155010W
395. *Pilosella officinarum* F.W.Schultz & Sch.Bip.
88, Le Valtin, La Combe
N 48°04'41.58" E 007°00'53.49", 864m
FR-0-NCY-20205099W
396. *Prenanthes purpurea* L.
88, Xonrupt-Longemer, bord de la D 430
N 48°02'55.8" E 007°00'33.7", 1228m
FR-0-NCY-20215044W
398. *Prenanthes purpurea* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'08.0" E 007°00'47.0", 1221m
FR-0-NCY-20205195W
400. *Scorzonera humilis* L.
88, Le Tholy, La Rouge Roye
N 48°06'10.2" E 006°42'16.1", 641m
FR-0-NCY-20185002W
401. *Scorzoneroides autumnalis* (L.) Moench
88, Vagney, Moyemont
N 48°02'05.3" E 006°45'15.9", 841m
FR-0-NCY-20155105W
402. *Scorzoneroides pyrenaica* (Gouan) Holub
subsp. *helvetica* (Mérat) Izuzq.
68, Stosswihr, Les Trois Fours
N 48°03'10.9" E 007°01'14.1", 1233m
FR-0-NCY-20165018W

403. *Scorzoneroïdes pyrenaïca* (Gouan) Holub
subsp. *helvetica* (Mérat) Izuzq.
88, Le Valtin, Chaume de Montabey
N 48°03'37.8" E 007°01'10.3", 1183m
FR-0-NCY-20185013W

404. *Scorzoneroïdes pyrenaïca* (Gouan) Holub
subsp. *helvetica* (Mérat) Izuzq.
88, Xonrupt-Longemer, Chaume Charlemagne
N 48°02'56.0" E 007°00'42.3", 1299m
FR-0-NCY-20215024W

405. *Senecio hercynicus* Herborg
subsp. *hercynicus*
68, Murbach, Grand Ballon
N 47°54'23.0" E 007°06'15.1", 1328m
FR-0-NCY-20165102W

406. *Senecio hercynicus* Herborg
subsp. *hercynicus*
88, La Bresse, le Kastelberg
N 48°01'37.1" E 007°00'33.1", 1254m
FR-0-NCY-20185113W

407. *Senecio hercynicus* Herborg
subsp. *hercynicus*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.4" E 007°00'51.7", 1229m
FR-0-NCY-20215042W

410. *Senecio ovatus* (G.Gaertn., B.Mey. & Scherb.)
Willd.
subsp. *ovatus*
68, Oderen, Col d'Hahnenbrunnen
N 47°57'12.9" E 007°01'24.8", 1178m
FR-0-NCY-20185096W

411. *Senecio ovatus* (G.Gaertn., B.Mey. & Scherb.)
Willd.
subsp. *ovatus*
88, La Bresse, Chemin des Chaumes
N 48°01'47.2" E 007°00'03.3", 1209m
FR-0-NCY-20195132W

412. *Serratula tinctoria* L.
subsp. *monticola* (Boreau) Berher
88, La Bresse, le Hohneck
N 48°02'17.5" E 007°00'41.7", 1306m
FR-0-NCY-20215097W

413. *Serratula tinctoria* L.
subsp. *monticola* (Boreau) Berher
88, La Bresse, le Hohneck
N 48°02'17.5" E 007°00'41.7", 1306m
FR-0-NCY-20185048W

414. *Serratula tinctoria* L.
subsp. *monticola* (Boreau) Berher
88, La Bresse, le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20195130W

415. *Solidago virgaurea* L.
88, La Bresse, le Hohneck
N 48°02'14.4" E 007°00'44.1", 1313m
FR-0-NCY-20215078W

416. *Solidago virgaurea* L.
88, La Bresse, le Hohneck
N 48°02'17.5" E 007°00'41.7", 1306m
FR-0-NCY-20185049W

Balsaminaceae

417. *Impatiens noli-tangere* L.
88, Xonrupt-Longemer, Goutte de la Duchesse
N 48°01'45.2" E 006°59'40.2", 1152m
FR-0-NCY-20175045W

418. *Impatiens noli-tangere* L.
88, Xonrupt-Longemer, Goutte de la Duchesse
N 48°01'45.2" E 006°59'40.2", 1152m
FR-0-NCY-20215099W

Betulaceae

419. *Alnus glutinosa* (L.) Gaertn.
subsp. *glutinosa*
88, Xonrupt-Longemer, Lac de Retournemer
N 48°03'28.0" E 006°59'06.0", 783m
FR-0-NCY-20185118W

420. *Betula pubescens* Ehrh.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8", 1220m
FR-0-NCY-20185053W

421. *Betula pubescens* Ehrh.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8", 1220m
FR-0-NCY-20185085W

422. *Betula pendula* Roth
f. *pendula*
88, Gerbamont, les Plateaux
N 47°59'50.5" E 006°47'07.9", 882m
FR-0-NCY-20195079W

Boraginaceae

423. *Myosotis scorpioides* L.
88, Xonrupt-Longemer, bord de la D 430
N 48°02'55.8" E 007°00'33.7", 1228m
FR-0-NCY-20145019W

Brassicaceae

424. *Arabidopsis arenosa* (L.) Lawalrée
subsp. *borbasii* (Zapal.) O'Kane & Al-She
67, Breitenau, Col de Fouchy
N 48°18'17.5" E 007°15'40.9", 610m
FR-0-NCY-20175033W

425. *Barbarea vulgaris* R.Br.
88, La Bresse, Firstmiss
N 48°01'02.3" E 006°59'16.6", 1217m
FR-0-NCY-20195133W

426. *Cardamine flexuosa* With.
88, Ban-sur-Meurthe-Clefcy, Défilé de Straiture
N 48°06'35.1" E 006°58'05.8", 686m
FR-0-NCY-20185086W

427. *Cardamine pratensis* L.
subsp. *pratensis*
88, Le Tholy, La Rouge Roye
N 48°06'10.2" E 006°42'16.1", 641m
FR-0-NCY-20215001W

428. *Lunaria rediviva* L.
88, Xonrupt-Longemer, hêtraie sous Jardin
d'Altitude
N 48°03'04.3" E 007°00'36.9", 1215m
FR-0-NCY-20215100W

429. *Lunaria rediviva* L.
88, Xonrupt-Longemer, Lac de Retourner
N 48°03'28.0" E 006°59'06.0", 783m
FR-0-NCY-20215087W

432. *Noccaea caerulescens* (J.Presl & C.Presl)
F.K.Mey.
subsp. *caerulescens*
88, Gerbamont, Les Plateaux
N 47°59'46.0" E 006°46'56.3", 843m
FR-0-NCY-20215005W

433. *Teesdalia nudicaulis* (L.) R.Br.
88, Bruyères, Grande Avison
N 48°12'31.8" E 006°44'05.7", 499m
FR-0-NCY-20205002W

434. *Teesdalia nudicaulis* (L.) R.Br.
88, La Forge, Roches Chevalières
N 48°04'27.4" E 006°43'39.2", 694m
FR-0-NCY-20205135W

435. *Turritis glabra* L.
88, Gemaingoutte, Col de Sainte-Marie
N 48°14'31.3" E 007°07'53.8", 773m
FR-0-NCY-20175032W

Campanulaceae

437. *Campanula rotundifolia* L.
subsp. *rotundifolia*
68, Metzeral, le Kastelberg
N 48°01'17.7" E 007°00'24.6", 1290m
FR-0-NCY-20215088W

438. *Campanula rotundifolia* L.
subsp. *rotundifolia*
88, La Bresse, le Hohneck
N 48°02'17.5" E 007°00'41.7", 1306m
FR-0-NCY-20185050W

439. *Campanula rotundifolia* L.
subsp. *rotundifolia*
88, Xonrupt-Longemer, bord de la D 430
N 48°02'56.4" E 007°00'35.3", 1228m
FR-0-NCY-20205186W

440. *Jasione laevis* Lam.
subsp. *laevis*
88, La Bresse, Le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20165105W

441. *Jasione laevis* Lam.
subsp. *laevis*
88, La Bresse, Le Hohneck
N 48°02'33" E 007°00'41", 1299m
FR-0-NCY-20205223W

442. *Jasione montana* L.
subsp. *montana*
67, Breitenau, Col de Fouchy
N 48°18'17.5" E 007°15'40.9", 610m
FR-0-NCY-20175034W

443. *Jasione montana* L.
subsp. *montana*
88, La Forge, Roches Chevalières
N 48°04'27.4" E 006°43'39.2", 694m
FR-0-NCY-20205136W

444. *Phyteuma nigrum* F.W.Schmidt
88, Le Tholy, La Rouge Roye
N 48°06'10.2" E 006°42'16.1", 641m
FR-0-NCY-20185004W

445. *Phyteuma spicatum* L.
68, Rimbach-près-Guebwiller, Grand Ballon, Ecole
de ski
N 47°54'15.4" E 007°06'04.3", 1349m
FR-0-NCY-20145127W

Caprifoliaceae

446. *Knautia dipsacifolia* (Host) Kreutzer
68, Wildenstein, Batteriekopf
N 47°59'41.7" E 006°58'41.5", 1249m
FR-0-NCY-20215049W

447. *Knautia dipsacifolia* (Host) Kreutzer
88, Xonrupt-Longemer, bord de la D 430
N 48°02'55.8" E 007°00'33.7", 1228m
FR-0-NCY-20195013W

448. *Lonicera nigra* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.7" E 007°00'42.7", 1216m
FR-0-NCY-20195020W

449. *Lonicera nigra* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.7" E 007°00'42.7", 1216m
FR-0-NCY-20215034W

450. *Succisa pratensis* Moench
88, La Bresse, Chemin de Schmargult
N 48°01'47.1" E 006°59'54.1", 1190m
FR-0-NCY-20175053W

451. *Valeriana dioica* L.
subsp. *dioica*
67, Belmont, Che des Vieux pres
N 48°24'19.6" E 007°15'34.7", 1009m
FR-0-NCY-20205012W

Caryophyllaceae

452. *Atocion rupestre* (L.) B.Oxelman
68, Metzeral, le Kastelberg
N 48°01'17.7" E 007°00'24.6", 1290m
FR-0-NCY-20215085W

453. *Atocion rupestre* (L.) B.Oxelman
88, La Bresse, Le Hohneck
N 48°02'14.1" E 007°00'46.8", 1323m
FR-0-NCY-20205177W

454. *Atocion rupestre* (L.) B.Oxelman
88, La Bresse, Le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20195136W

456. *Dianthus armeria* L.
subsp. *armeria*
67, La Petite-Pierre
N 48°51'47.2" E 007°18'51.9", 319m
FR-0-NCY-20195117W

457. *Dianthus carthusianorum* L.
subsp. *carthusianorum*
68, Lautenbachzell, Grand Ballon
N 47°54'08.0" E 007°05'54.1", 1410m
FR-0-NCY-20145131W

458. *Dianthus carthusianorum* L.
subsp. *carthusianorum*
88, Saulxures-sur-Moselotte, le Beu
N 47°57'06.0" E 006°48'43.0", 490m
FR-0-NCY-20195023W

459. *Lychnis flos-cuculi* L.
subsp. *flos-cuculi*
88, Le Tholy, La Rouge Roye
N 48°06'10.2" E 006°42'16.1", 641m
FR-0-NCY-20185005W

460. *Lychnis flos-cuculi* L.
subsp. *flos-cuculi*
88, Xonrupt-Longemer, Le Hohneck
N 48°02'52.4" E 007°00'35.5", 1255m
FR-0-NCY-20145020W

461. *Moehringia trinervia* (L.) Clairv.
88, Bruyères, Fontaine St-Georges
N 48°12'35.8" E 006°44'10.3" 470m
FR-0-NCY-20205003W

462. *Sagina procumbens* L.
88, La Bresse, Chaume Firstmiss
N 48°01'10.1" E 006°59'09.0", 1179m
FR-0-NCY-20195021W

463. *Silene dioica* (L.) Clairv.
var. *dioica*
88, Xonrupt-Longemer, bord de la D 430
N 48°02'55.8" E 007°00'33.7", 1228m
FR-0-NCY-20215039W

465. *Silene dioica* (L.) Clairv.
var. *dioica*
88, Xonrupt-Longemer, bord de la D 430
N 48°03'02.6" E 007°00'40,0", 1227m
FR-0-NCY-20215026W

467. *Silene nutans* L.
var. *nutans*
88, La Bresse, Le Brabant
N 47°59'18.1" E 006°52'07.6", 857m
FR-0-NCY-20195022W

468. *Silene vulgaris* (Moench) Garcke
subsp. *vulgaris*
88, Le Valtin, Chaume de Montabey
N 48°03'37.8" E 007°01'10.3", 1183m
FR-0-NCY-20185041W

469. *Silene vulgaris* (Moench) Garcke
subsp. *vulgaris*
88, Xonrupt-Longemer, Chaume Charlemagne
N 48°02'56.0" E 007°00'42.3", 1299m
FR-0-NCY-20215028W

470. *Silene vulgaris* (Moench) Garcke
subsp. *vulgaris*
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie
N 48°03'09" E 007°00'47", 1219m
FR-0-NCY-20205179W

471. *Spergula rubra* (L.) D.Dietr.
68, Metzeral, Source de l'Ammelthal
N 48°01'44.0" E 007°00'32.3", 1279m
FR-0-NCY-20185009W

472. *Stellaria nemorum* L.
subsp. *montana* (Pierrat) Berher
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie d'altitude
N 48°03'12.2" E 007°00'47.4", 1212m
FR-0-NCY-20205107W

Celastraceae

473. *Parnassia palustris* L.
88, La Bresse, Source de la Moselotte
N 48°01'47.0" E 007°00'03.7", 1207m
FR-0-NCY-20135031W

Cistaceae

474. *Helianthemum nummularium* (L.) Mill.
68, Goldbach-Altenbach, Grand Ballon
N 47°53'58.2" E 007°05'52.5", 1376m
FR-0-NCY-20145132W

Convolvulaceae

475. *Cuscuta epithymum* (L.) L.
subsp. *epithymum*
68, Luttenbach-près-Munster, Ried
N 48°00'20.3" E 007°08'06.4", 891m
FR-0-NCY-20195061W

Crassulaceae

476. *Sedum annuum* L.
subsp. *annuum*
88, Gerbamont, Les Plateaux
N 47°59'46.0" E 006°46'56.3", 843m
FR-0-NCY-20215007W

Ericaceae

477. *Calluna vulgaris* (L.) Hull
subsp. *vulgaris*
68, Metzeral, le Rainkopf, Pferrey
N 48°00'41.1" E 006°59'06.7", 1174m
FR-0-NCY-20175037W

478. *Calluna vulgaris* (L.) Hull
subsp. *vulgaris*
88, La Bresse, Le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20195137W

479. *Vaccinium myrtillus* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.7" E 007°00'42.7", 1216m
FR-0-NCY-20215031W

480. *Vaccinium myrtillus* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.7" E 007°00'42.7", 1216m
FR-0-NCY-20195037W

481. *Vaccinium myrtillus* L.
88, Xonrupt-Longemer, Feignes Charlemagne,
tourbière
N 48°03'07.8" E 007°00'45.8", 1220m
FR-0-NCY-20175011W

482. *Vaccinium oxycoccos* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8", 1220m
FR-0-NCY-20195038W

483. *Vaccinium oxycoccos* L.
88, Xonrupt-Longemer, Feignes Charlemagne,
tourbière
N 48°03'07.8" E 007°00'45.8", 1220m
FR-0-NCY-20175012W

484. *Vaccinium uliginosum* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8", 1220m
FR-0-NCY-20215066W

487. *Vaccinium uliginosum* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.7" E 007°00'42.7", 1216m
FR-0-NCY-20215045W

488. *Vaccinium vitis-idaea* L.
subsp. *vitis-idaea*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8", 1220m
FR-0-NCY-20215064W

490. *Vaccinium vitis-idaea* L.
subsp. *vitis-idaea*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.7" E 007°00'42.7", 1216m
FR-0-NCY-20215046W

Fabaceae

492. *Cytisus scoparius* (L.) Link
subsp. *scoparius*
88, Le Valtin, Les Hautes Navières
N 48°05'32.06" E 007°01'24.62", 812m
FR-0-NCY-20205124W

493. *Cytisus scoparius* L.
subsp. *scoparius*
88, Le Valtin
N 48°06'45.6" E 007°02'10.1", 724m
FR-0-NCY-20195036W

494. *Cytisus scoparius* L.
subsp. *scoparius*
88, Le Valtin
N 48°06'45.6" E 007°02'10.1", 724m
FR-0-NCY-20175029W

498. *Genista sagittalis* L.
88, Le Valtin, Les Hautes Navières
N 48°05'32.06" E 007°01'24.62", 812m
FR-0-NCY-20205115W

496. *Genista sagittalis* L.
subsp. *sagittalis*
68, Soultzeren, Buhrenmattweg
N 48°04'40.2" E 007°07'59", 645m
FR-0-NCY-20215067W

497. *Genista tinctoria* L.
subsp. *tinctoria*
88, Gerbamont, les Plateaux
N 47°59'50.5" E 006°47'07.9", 882m
FR-0-NCY-20195081W

499. *Lathyrus linifolius* (Reichard) Bössler
f. *montanus* (Bernh.) Bössler
88, La Bresse, Chemin des Chaumes
N 48°01'47.2" E 007°00'03.3", 1209m
FR-0-NCY-20215017W

500. *Lotus corniculatus* L.
68, Lautenbachzell, Grand Ballon
N 47°54'09.4" E 007°05'55.0", 1411m
FR-0-NCY-20145137W

501. *Lotus corniculatus* L.
88, Xonrupt-Longemer, bord de la D 430
N 48°02'56.4" E 007°00'35.3", 1228m
FR-0-NCY-20205182W

502. *Lotus pedunculatus* Cav.
88, Sapois, le Haut du Tôl
N 48°02'42.5" E 006°46'17.7", 844m
FR-0-NCY-20155110W

503. *Trifolium medium* L.
68, Murbach, Grand Ballon
N 47°54'23.0" E 007°06'15.1", 1328m
FR-0-NCY-20165110W

Fagaceae

504. *Fagus sylvatica* L.
68, Soultz-Haut-Rhin, Grand Ballon
N 47°54'15.3" E 007°06'10.2", 1345m
FR-0-NCY-20145138W

505. *Quercus robur* L.
var. *robur*
88, Ban-sur-Meurthe-Clefcy, Roche des Féés
N 48°10'32.11" E 006°59'52", 720m
FR-0-NCY-20205187W

Gentianaceae

506. *Gentiana lutea* L.
subsp. *lutea*
88, La Bresse, Kastelberg
N 48°01'42.9" E 007°00'17.4", 1271m
FR-0-NCY-20175040W

507. *Gentiana lutea* L.
subsp. *lutea*
88, Le Valtin, Col de la Schlucht
N 48°03'47.5" E 007°01'21.8", 1147m
FR-0-NCY-20205231W

508. *Gentianella campestris* (L.) Börner
68, Lautenbachzell, Grand Ballon
N 47°54'08.0" E 007°05'54.1", 1410m
FR-0-NCY-20145139W

509. *Gentianella campestris* (L.) Börner
68, Murbach, Grand Ballon
N 47°54'23.3" E 007°06'13.9", 1325m
FR-0-NCY-20165112W

Geraniaceae

510. *Geranium sylvaticum* L.
68, Metzeral, le Rainkopf, Pferrey
N 48°00'38.9" E 006°59'03.9", 1199m
FR-0-NCY-20215059W

511. *Geranium sylvaticum* L.
88, Xonrupt-Longemer, bord de la D 430
N 48°02'56.4" E 007°00'35.3", 1228m
FR-0-NCY-20185101W

512. *Geranium robertianum* L.
subsp. *robertianum*
88, Le Valtin, Source de la Meurthe
N 48°03'25.8" E 007°00'48.2", 1192m
FR-0-NCY-20205125W

Grossulariaceae

513. *Ribes petraeum* Wulfen
68, Metzeral, le Rainkopf, Pferrey
N 48°00'44.5" E 006°59'07.5", 1177m
FR-0-NCY-20215055W

Hypericaceae

514. *Hypericum humifusum* L.
67, Sainte-Marie-aux-Mines, Roche des Fées
N 48°12'09.1" E 007°06'39.0", 912m
FR-0-NCY-20175035W

515. *Hypericum perforatum* L.
var. *perforatum*
88, La Bresse, Firstmiss
N 48°01'02.3" E 006°59'16.6", 1217m
FR-0-NCY-20195138W

516. *Hypericum perforatum* L.
var. *perforatum*
88, Xonrupt-Longemer, Lac de Retournemer
N 48°03'28.0" E 006°59'06.0", 783m
FR-0-NCY-20175044W

Lamiaceae

517. *Ajuga reptans* L.
88, Le Valtin, Source de la Meurthe
N 48°03'25.8" E 007°00'48.2", 1192m
FR-0-NCY-20205116W

518. *Betonica officinalis* L.
var. *montana* Gaudin
68, Metzeral, Cirque Ammelthal
N 48°01'47.9" E 007°00'41.1", 1289m
FR-0-NCY-20185125W

519. *Betonica officinalis* L.
var. *montana* Gaudin
88, La Bresse, Falimont
N 48°02'28.3" E 007°00'36.5", 1291m
FR-0-NCY-20185104W

520. *Betonica officinalis* L.
var. *montana* Gaudin
88, La Bresse, Kastelberg
N 48°01'42.9" E 007°00'17.4", 1271m
FR-0-NCY-20215076W

521. *Clinopodium vulgare* L.
88, Wisembach, le Château de Faîte
N 48°14'42.6" E 007°07'56.2", 789m
FR-0-NCY-20185098W

523. *Galeopsis tetrahit* L.
88, Xonrupt-Longemer, Chemin du tram
N 48°03'09.11" E 007°00'38.8", 1202m
FR-0-NCY-20215069W

525. *Galeopsis tetrahit* L.
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie
N 48°03'09" E 007°00'47" 1220m
FR-0-NCY-20205197W

526. *Prunella vulgaris* L.
subsp. *vulgaris*
88, Ban-sur-Meurthe-Clefcy, Défilé de Straiture
N 48°06'47.4" E 006°57'57.9", 689m
FR-0-NCY-20175025W

527. *Scutellaria minor* Huds
88, Autrey, Colline de Chilimont
N 48°17'31.2" E 006° 43'23.29", 403m
FR-0-NCY-20215106W

528. *Stachys sylvatica* L.
88, Ban-sur-Meurthe-Clefcy, Défilé de Straiture
N 48°06'47.4" E 006°57'57.9", 689m
FR-0-NCY-20175026W

529. *Teucrium scorodonia* L.
88, La Bresse, Goutte de la Duchesse
N 48°01'46.5" E 006°59'37.0", 1157m
FR-0-NCY-20215092W

530. *Teucrium scorodonia* L.
88, Vagney, Moyemont
N 48°02'05.3" E 006°45'15.9", 841m
FR-0-NCY-20155114W

531. *Teucrium scorodonia* L.
88, Xonrupt-Longemer, bord de la D 67, le
Parigoutte
N 48°03'46.9" E 006°57'58.4", 753m
FR-0-NCY-20145141W

532. *Thymus pulegioides* L.
88, Vagney, Moyemont
N 48°02'05.3" E 006°45'15.9", 841m
FR-0-NCY-20155115W

Linaceae

533. *Linum catharticum* L.
68, Lautenbachzell, Grand Ballon
N 47°54'08.0" E 007°05'54.1", 1410m
FR-0-NCY-20145142W

Oleaceae

534. *Fraxinus excelsior* L.
88, Xonrupt-Longemer, Lac de Retourner
N 48°03'28.0" E 006°59'06.0", 783m
FR-0-NCY-20185128W

Onagraceae

535. *Circaea x intermedia* Ehrh.
88, Xonrupt-Longemer, route de Retourner
N 48°03'00.1" E 006°59'08.0", 923m
FR-0-NCY-20185129W

536. *Epilobium alpestre* (Jacq.) Krock.
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie d'altitude
N 48°03'12.2" E 007°00'47.4", 1212m
FR-0-NCY-20175016W

537. *Epilobium angustifolium* L.
subsp. *angustifolium*
88, La Bresse, Le Hohneck
N 48°02'14.0" E 007°00'46.3", 1320m
FR-0-NCY-20215073W

538. *Epilobium montanum* L.
88, La Bresse, Goutte de la Duchesse
N 48°01'46.5" E 006°59'37.0", 1157m
FR-0-NCY-20165116W

539. *Epilobium palustre* L.
88, Sapois, le Haut du Tôt
N 48°02'44.8" E 006°46'20.2", 846m
FR-0-NCY-20155117W

540. *Epilobium palustre* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8", 1220m
FR-0-NCY-20215035W

541. *Epilobium palustre* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8", 1220m
FR-0-NCY-20195025W

Orobanchaceae

542. *Euphrasia officinalis* L.
subsp. *rostkoviana* (Hayne) F.Towns.
88, La Bresse, Le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20165117W

543. *Euphrasia officinalis* Hayne
subsp. *rostkoviana* (Hayne) F.Towns.
88, Sapois, le Haut du Tôt
N 48°02'41.4" E 006°46'16.9", 844m
FR-0-NCY-20155118W

544. *Melampyrum pratense* L.
88, Le Valtin, Montabey
N 48°03'37.1" E 007°01'02.3", 1246m
FR-0-NCY-20205126W

545. *Melampyrum sylvaticum* L.
88, Le Valtin, Montabey
N 48°03'37.1" E 007°01'02.3", 1246m
FR-0-NCY-20205127W

546. *Orobanche rapum-genistae* Thuill.
88, Le Valtin
N 48°06'45.6" E 007°02'10.1", 724m
FR-0-NCY-20175028W

547. *Pedicularis sylvatica* L.
subsp. *sylvatica*
88, Gerbamont, Les Plateaux
N 47°59'49.4" E 006°46'26.4", 782m
FR-0-NCY-20215008W

548. *Rhinanthus minor* L.
88, La Bresse, Kastelberg
N 48°01'42.9" E 007°00'17.4", 1271m
FR-0-NCY-20175050W

549. *Rhinanthus minor* L.
var. *stenophyllus* Schur
88, La Bresse, Le Hohneck
N 48°02'14.0" E 007°00'46.3", 1320m
FR-0-NCY-20215074W

550. *Rhinanthus minor* L.
subsp. *minor*
88, Le Valtin, Montabey
N 48°03'37.1" E 007°01'02.3", 1246m
FR-0-NCY-20205128W

Oxalidaceae

551. *Oxalis acetosella* L.
88, La Bresse, Goutte de la Duchesse
N 48°01'46.5" E 006°59'37.0", 1157m
FR-0-NCY-20165118W

552. *Oxalis acetosella* L.
88, Xonrupt-Longemer, Goutte de la Duchesse
N 48°01'45.2" E 006°59'40.2", 1152m
FR-0-NCY-20215084W

Papaveraceae

553. *Corydalis cava* (L.) Schweigg. & Körte
68, Metzeral, Leibelthal
N 48°00'18.0" E 006°59'13.2", 963m
FR-0-NCY-20195002W

554. *Corydalis intermedia* (L.) Mérat
88, Xonrupt-Longemer, Chaume du Haut-Chitelet
N 48°02'33.0" E 007°00'03.4", 1169m
FR-0-NCY-20195004W

555. *Corydalis solida* (L.) Clairv.
subsp. *solida*
88, Xonrupt-Longemer, Lac de Retourner
N 48°03'28.0" E 006°59'06.0", 783m
FR-0-NCY-20195003W

Plantaginaceae

556. *Digitalis grandiflora* Mill.
68, Metzeral, le Rainkopf, Pferrey
N 48°00'38.9" E 006°59'01.1", 1251m
FR-0-NCY-20195139W

557. *Digitalis grandiflora* Mill.
88, La Bresse, Rainkopf
N 48°00'40.7" E 006°58'43.2", 1173m
FR-0-NCY-20165119W

558. *Digitalis grandiflora* Mill.
88, Xonrupt-Longemer, bord de la D 430
N 48°02'56.4" E 007°00'35.3", 1228m
FR-0-NCY-20185087W

559. *Digitalis purpurea* L.
subsp. *purpurea*
88, Sapois, le Haut du Tôt
N 48°02'46.7" E 006°46'23.5", 851m
FR-0-NCY-20155119W

560. *Digitalis purpurea* L.
subsp. *purpurea*
88, Le Valtin, La Combe
N 48°04'37.0" E 007°00'47.3", 863m
FR-0-NCY-20205232W

561. *Linaria repens* (L.) Mill.
68, Wildenstein, Route des Crêtes, Batteriekopf
N 47°59'40.0" E 006°58'36.5", 1206m
FR-0-NCY-20145144W

564. *Veronica fruticans* Jacq.
88, La Bresse, Le Hohneck
N 48°02'12.4" E 007°00'47.6", 1321m
FR-0-NCY-20195140W

562. *Veronica officinalis* L.
68, Wildenstein, Route des Crêtes, Batteriekopf
N 47°59'42.7" E 006°58'40.9", 1253m
FR-0-NCY-20145145W

563. *Veronica officinalis* L.
88, Vagney, Moyemont
N 48°02'05.3" E 006°45'15.9", 841m
FR-0-NCY-20155120W

565. *Veronica serpyllifolia* L.
subsp. *humifusa* (Dicks.) Syme
88, La Bresse, Chaume Firstmiss
N 48°01'10.1" E 006°59'09.0", 1179m
FR-0-NCY-20195026W

Polygonaceae

566. *Bistorta officinalis* Delarbre
88, La Bresse, Col de Falimont
N 48°02'30.8" E 007°00'25.3", 1277m
FR-0-NCY-20135009W

567. *Bistorta officinalis* Delarbre
88, Xonrupt-Longemer, Chaume Charlemagne
N 48°02'43.1" E 007°00'37.7", 1284m
FR-0-NCY-20215030W

568. *Persicaria minor* (Huds.) Opiz
88, Le Valtin
N 48°06'45.6" E 007°02'10.1", 724m
FR-0-NCY-20175024W

571. *Rumex acetosella* L.
88, la Bresse, en aval de la Fontaine de la Duchesse
N 48°01'46.6" E 006°59'56.4", 1191m
FR-0-NCY-20145085W

572. *Rumex acetosella* L.
88, La Bresse, Route des crêtes (D 430)
N 48°01'52.6" E 007°00'11.3", 1271m
FR-0-NCY-20165120W

573. *Rumex arifolius* All.
88, Xonrupt-Longemer, bord de la D 430
N 48°02'55.8" E 007°00'33.7", 1228m
FR-0-NCY-20145023W

575. *Rumex obtusifolius* L.
subsp. *obtusifolius*
88, Le Valtin
N 48°06'45.6" E 007°02'10.1", 724m
FR-0-NCY-20175023W

576. *Rumex obtusifolius* L.
subsp. *obtusifolius*
88, Xonrupt-Longemer, bord de la D 430
N 48°03'03.7" E 007°00'49.7", 1233m
FR-0-NCY-20215058W

Primulaceae

577. *Lysimachia vulgaris* L.
88, Xonrupt-Longemer, Lac de Retournermer
N 48°03'28.0" E 006°59'06.0", 783m
FR-0-NCY-20185137W

578. *Primula elatior* (L.) Hill
88, La Bresse, route de Schmargult
N 48°01'49.3" E 007°00'00.1", 1212m
FR-0-NCY-20165083W

579. *Primula elatior* (L.) Hill
88, Xonrupt-Longemer, bord de la D 430
N 48°02'56.4" E 007°00'35.3", 1228m
FR-0-NCY-20185088W

Ranunculaceae

580. *Aconitum lycoctonum* L.
subsp. *vulparia* (Koch) Nyman
88, La Bresse, le Rainkopf
N 48°00'40.7" E 006°58'43.2", 1173m
FR-0-NCY-20165121W

581. *Aconitum napellus* L.
subsp. *vulgare* (DC.) Rouy & Foucaud
68, Metzeral, le Rainkopf, Pferrey
N 48°00'41.1" E 006°59'06.7", 1174m
FR-0-NCY-20175036W

582. *Aconitum napellus* L.
subsp. *vulgare* (DC.) Rouy & Foucaud
88, La Bresse, le Rainkopf
N 48°00'40.7" E 006°58'43.2", 1173m
FR-0-NCY-20165122W

583. *Aconitum napellus* L.
subsp. *vulgare* (DC.) Rouy & Foucaud
68, Metzeral, le Rainkopf, Pferrey
N 48°00'38.9" E 006°59'01.1", 1251m
FR-0-NCY-20195141W

584. *Actaea spicata* L.
68, Metzeral, le Rainkopf, Pferrey
N 48°00'41.1" E 006°59'06.7", 1174m
FR-0-NCY-20175066W

585. *Anemone nemorosa* L.
88, Le Tholy, La Rouge Roye
N 48°06'10.2" E 006°42'16.1", 641m
FR-0-NCY-20195001W

586. *Caltha palustris* L.
subsp. *palustris*
88, La Bresse, Chemin de Schmargult
N 48°01'47.1" E 006°59'54.1", 1190m
FR-0-NCY-20175038W

587. *Caltha palustris* L.
subsp. *palustris*
88, Xonrupt-Longemer, le Collet
N 48°03'12.1" E 007°00'35.0", 1183m
FR-0-NCY-20135004W

588. *Caltha palustris* L.
subsp. *palustris*
88, Xonrupt-Longemer, Source de la Vologne
N 48°03'00.5" E 007°00'40.5" ,1240m
FR-0-NCY-20185016W
589. *Ranunculus aconitifolius* L.
88, Xonrupt-Longemer, Source de la Vologne
N 48°03'00.5" E 007°00'40.5" ,1240m
FR-0-NCY-20185017W
593. *Ranunculus aconitifolius* L.
88, La Bresse, en aval de la Fontaine de la
Duchesse
N 48°01'46.6" E 006°59'56.4" , 1191m
FR-0-NCY-20205010W
590. *Ranunculus acris* L.
subsp. *friesianus* (Jord.) Syme
88, la Bresse, Goutte de la Duchesse
N 48°01'46.5" E 006°59'37.0" , 1157m
FR-0-NCY-20215079W
594. *Ranunculus acris* L.
subsp. *friesianus* (Jord.) Syme
88, Le Valtin, Montabey
N 48°03'37.1" E 007°01'02.3" , 1246m
FR-0-NCY-20205134W
595. *Ranunculus flammula* L.
var. *flammula*
68, Linthal, Oberlauchen
N 47°56'37.4" E 007°02'20.8" , 1103m
FR-0-NCY-20195008W
596. *Ranunculus repens* L.
88, Xonrupt-Longemer, La Grange Mauselaine
N 48°03'47.3" E 006°57'40.0" , 737m
FR-0-NCY-20195006W
591. *Ranunculus serpens* Schrank
68, Rimbach-près-Guebwiller, Grand ballon
N 47°54'23.3" E 007°06'13.9" , 1324m
FR-0-NCY-20145146W
592. *Ranunculus serpens* Schrank
88, La Bresse, Chemin des Chaumes
N 48°01'47.2" E 007°00'03.3" , 1209m
FR-0-NCY-20215018W
597. *Ranunculus serpens* Schrank
88, Le Valtin, Montabey
N 48°03'37.1" E 007°01'02.3" , 1246m
FR-0-NCY-20205133W

Rhamnaceae

598. *Frangula alnus* Mill.
subsp. *alnus*
88, Saulxures-sur-Moselotte, le Beu
N 47°57'06.0" E 006°48'43.0" , 490m
FR-0-NCY-20195027W

599. *Frangula alnus* Mill.
subsp. *alnus*
88, La Forge, Roches Chevalières
N 48°04'27.4" E 006°43'39.2" , 694m
FR-0-NCY-20205137W

Rosaceae

600. *Alchemilla pallens* Buser
68, Wildenstein, Lawinenrunz
N 47°59'41.2" E 006°58'35.8" , 1181m
FR-0-NCY-20205119W

601. *Aruncus dioicus* (Walter) Fernald
subsp. *dioicus*
88, Xonrupt-Longemer, route de Retourner
N 48°03'00.1" E 006°59'08.0" , 923m
FR-0-NCY-20175039W

602. *Aruncus dioicus* (Walter) Fernald
subsp. *dioicus*
88, Xonrupt-Longemer, route de Retourner
N 48°03'00.1" E 006°59'08.0" , 923m
FR-0-NCY-20185138W

603. *Comarum palustre* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8" , 1220m
FR-0-NCY-20165068W

604. *Comarum palustre* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8" , 1220m
FR-0-NCY-20215032W

605. *Comarum palustre* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.1" E 007°00'43.8" , 1220m
FR-0-NCY-20195028W

606. *Filipendula ulmaria* (L.) Maxim.
subsp. *ulmaria*
88, Xonrupt-Longemer, Lac de Retourner
N 48°03'28.0" E 006°59'06.0" , 783m
FR-0-NCY-20215082W

607. *Fragaria vesca* L.
88, Xonrupt-Longemer, forêt domaniale de Gérardmer
N 48°03'39.0" E 006°59'41.7", 1052m
FR-0-NCY-20155002W

608. *Geum urbanum* L.
88, Gerbépal, ruisseau de Lourdon
N 48°06'47.1" E 006°54'42.4", 795m
FR-0-NCY-20195091W

609. *Rubus idaeus* L.
subsp. *idaeus*
88, Xonrupt-Longemer, bord de la D 430
N 48°02'56.4" E 007°00'35.3", 1228m
FR-0-NCY-20205236W

610. *Rubus idaeus* L.
subsp. *idaeus*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'07.4" E 007°00'51.7", 1229m
FR-0-NCY-20215040W

611. *Sanguisorba officinalis* L.
68, Wildenstein, Batteriekopf
N 47°59'41.7" E 006°58'41.5", 1249m
FR-0-NCY-20215056W

612. *Sanguisorba officinalis* L.
88, La Bresse, Kastelberg
N 48°01'42.9" E 007°00'17.4", 1271m
FR-0-NCY-20215081W

613. *Sanguisorba officinalis* L.
88, La Bresse, en aval de la Fontaine de la Duchesse
N 48°01'45.6" E 006°59'53.9", 1191m
FR-0-NCY-20185141W

614. *Sorbus aria* (L.) Crantz
68, Metzeral, Ammelthal
N 48°01'43.2" E 007°00'43.3", 1220m
FR-0-NCY-20215071W

615. *Sorbus aucuparia* L.
subsp. *aucuparia*
88, Le Valtin, La Combe
N 48°04'41.58" E 007°00'53.49", 864m
FR-0-NCY-20205183W

616. *Sorbus aucuparia* L.
subsp. *aucuparia*
88, Le Valtin, Montabey
N 48°03'37.1" E 007°01'02.3", 1246m
FR-0-NCY-20205222W

617. *Sorbus aucuparia* L.
subsp. *aucuparia*
88, La Bresse, Les Bouchaux
N 47°59'46.6" E 006°53'11.4", 934m
FR-0-NCY-20195029W

618. *Sorbus mougeotii* Soy.-Will. & Godr.
68, Lautenbachzell, Grand Ballon, D 431
N 47°54'18.4" E 007°05'36.3", 1271m
FR-0-NCY-20145150W

619. *Sorbus mougeotii* Soy.-Will. & Godr.
68, Metzeral, Cirque Ammelthal
N 48°01'28.6" E 007°00'32.2", 1245m
FR-0-NCY-20185142W

620. *Sorbus mougeotii* Soy.-Will. & Godr.
88, Ban-sur-Meurthe-Clefcy, Roche des Fées
N 48°10'32.11" E 006°59'52", 720m
FR-0-NCY-20205184W

Rubiaceae

621. *Galium album* Mill.
68, Lautenbachzell, Grand Ballon
N 47°54'09.4" E 007°05'55.0", 1411m
FR-0-NCY-20145152W

622. *Galium boreale* L.
68, Wildenstein, Batteriekopf
N 47°59'41.7" E 006°58'41.5", 1249m
FR-0-NCY-20215051W

623. *Galium odoratum* (L.) Scop.
88, Xonrupt-Longemer, bord de la D 430
N 48°02'56.4" E 007°00'35.3", 1228m
FR-0-NCY-20185089W

626. *Galium odoratum* (L.) Scop.
88, La Bresse, Chemin des Chaumes
N 48°01'47.2" E 007°00'03.3", 1209m
FR-0-NCY-20195145W

627. *Galium saxatile* L.
88, La Bresse, Le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20195143W

628. *Gallium saxatile* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'09" E 007°00'47", 1215m
FR-0-NCY-20205226W

624. *Galium verum* L.
subsp. *verum*
68, Wildenstein, Route des Crêtes, Batteriekopf
N 47°59'42.7" E 006°58'40.9", 1253m
FR-0-NCY-20145153W

625. *Galium verum* L.
subsp. *verum*
88, La Bresse, Le Hohneck
N 48°02'18.8" E 007°00'35.5", 1281m
FR-0-NCY-20195144W

Santalaceae

629. *Thesium alpinum* L.
var. *alpinum*
88, La Bresse, Chemin des névés
N 48°02'46" E 007°00'35", 1260m
FR-0-NCY-20205227W

630. *Viscum album* L.
subsp. *abietis* (Wiesb.) Abrom.
88, Le Valtin, le Groube
N 48°07'51.1" E 007°01'57.9", 716m
FR-0-NCY-20195146W

Sapindaceae

631. *Acer pseudoplatanus* L.
f. *pseudoplatanus*
88, Xonrupt-Longemer, Feignes Charlemagne
N 48°03'04.7" E 007°00'46.6", 1230m
FR-0-NCY-20215036W

Saxifragaceae

633. *Micranthes stellaris* (L.) Galasso, Banfi & Soldano
88, Xonrupt-Longemer, Source de la Vologne
N 48°03'00.5" E 007°00'40.5", 1240m
FR-0-NCY-20185021W

634. *Micranthes stellaris* (L.) Galasso, Banfi & Soldano
68, Metzeral, Cirque Ammelthal
N 48°01'28.6" E 007°00'32.2", 1245m
FR-0-NCY-20185145W

Scrophulariaceae

635. *Scrophularia nodosa* L.
68, Metzeral, le Kastelberg
N 48°01'41.5" E 007°00'32.5", 1274m
FR-0-NCY-20135123W

636. *Verbascum lychnitis* L.
f. *lychnitis*
88, Wisembach, le Château de Faîte
N 48°14'42.6" E 007°07'56.2", 789m
FR-0-NCY-20185100W

Thymelaeaceae

637. *Daphne mezereum* L.
88, La Bresse, Rainkopf
N 48°00'40.7" E 006°58'43.2", 1173m
FR-0-NCY-20205120W

Urticaceae

638. *Urtica dioica* L.
68, Metzeral, le Rainkopf, Pferrey
N 48°00'40.3" E 006°59'06.7", 1186m
FR-0-NCY-20195148W

Viburnaceae

639. *Sambucus nigra* L.
f. *nigra*
88, Gemaingoutte, Col de Sainte-Marie
N 48°14'31.3" E 007°07'53.8", 773m
FR-0-NCY-20175031W

640. *Sambucus racemosa* L.
subsp. *racemosa*
88, Xonrupt-Longemer, bord de la D 430
N 48°02'54.1" E 007°00'32.7", 1235m
FR-0-NCY-20145016W

641. *Sambucus racemosa* L.
subsp. *racemosa*
88, Xonrupt-Longemer, Lac de Retourner
N 48°03'31.2" E 006°58'58.3", 781m
FR-0-NCY-20205104W

Violaceae

642. *Viola arvensis* Murray
var. *arvensis*
88, La Forge, Roches Chevalières
N 48°04'27.4" E 006°43'39.2", 694m
FR-0-NCY-20205138W

643. *Viola lutea* Huds.
subsp. *lutea*
88, Xonrupt-Longemer, ancienne voie du Tramway
N 48°03'02.7" E 007°00'35.4", 1217m
FR-0-NCY-20205185W

644. *Viola lutea* Huds.

subsp. *lutea*

88, Xonrupt-Longemer, bord de la D 430

N 48°02'55.8" E 007°00'33.7", 1228m

FR-0-NCY-20195015W

645. *Viola lutea* Huds.

subsp. *lutea*

88, Xonrupt-Longemer, bord de la D 430

N 48°02'56.4" E 007°00'35.3", 1228m

FR-0-NCY-20185019W

646. *Viola palustris* L.

88, Le Valtin, Montabey

N 48°03'22.2" E 007°01'16.1", 1239m

FR-0-NCY-20185012W

648. *Viola palustris* L.

88, Xonrupt-Longemer, Feignes Charlemagne, tourbière

N 48°03'07.8" E 007°00'45.8", 1220m

FR-0-NCY-20215019W

649. *Viola palustris* L.

88, Xonrupt-Longemer, Feignes Charlemagne, tourbière

N 48°03'07.8" E 007°00'45.8", 1220m

FR-0-NCY-20175015Wi

Genus : Rosa du Grand Est

Genus : Rosa of Grand Est

Rosaceae

650. *Rosa agrestis* Savi
54, Arnaville, Le Rudemont
N 49°01'06.0" E 006°01'33.9", 285m
FR-0-NCY-20185154W

651. *Rosa agrestis* Savi
55, Troussey, Le Mont
N 48°42'34.3" E 005°43'17.3", 316m
FR-0-NCY-20185056W

652. *Rosa agrestis* Savi
54, Sexey-aux-Forges, Plateau
N 48°37'24.36" E 006°02'27.7", 304m
FR-0-NCY-20215158W

653. *Rosa andegavensis* Bast.
54, Roville-devant-Bayon, Pâquis des Oies
N 48°27'49.9" E 006°18'33.5", 246m
FR-0-NCY-20215159W

654. *Rosa arvensis* Huds.
88, Les Thons, Bois de la Transaction
N 47°58'55.1" E 005°51'06.5", 328m
FR-0-NCY-20215063W

655. *Rosa canina* L. sensu stricto
54, Arnaville, Le Rudemont
N 49°01'02.0" E 006°01'33.9", 287m
FR-0-NCY-20185155W

656. *Rosa canina* L. sensu stricto
57, Saulny, La Côte
N 49°09'52.6" E 006°06'02.2", 345m
FR-0-NCY-20185093W

657. *Rosa corymbifera* Borkh.
54, Laneuveville-devant-Nancy, La Noue
N 48°39'17" E 006°14'39", 220m
FR-0-NCY-20205234W

658. *Rosa corymbifera* Borkh.
54, Sexey-aux-Forges, Plateau
N 48°37'25.48" E 006°02'25.4", 304m
FR-0-NCY-20215157W

659. *Rosa corymbifera* Borkh.
57, Saulny, La Côte
N 49°09'52.4" E 006°06'03.2", 345m

FR-0-NCY-20185094W

660. *Rosa deseglisei* Boreau
88, Les Thons, Bois le Corbé
N 47°58'41.6" E 005°51'35.2", 307m
FR-0-NCY-20215061W

661. *Rosa dumalis* Bechst.
88, le Valtin
N 48°05'50.8" E 007°01'08.8", 793m
FR-0-NCY-20215037W

684. *Rosa dumalis* Bechst.
88, Xonrupt-Longemer, la Grange Mouselaine
N 48°03'48.7" E 006°57'51.1", 751m
FR-0-NCY-20135153W

662. *Rosa elliptica* Tausch
54, Eulmont, Plateau de Malzéville
N 48°43'35.0" E 006°12'40.7", 383m
FR-0-NCY-20155085W

663. *Rosa elliptica* Tausch
54, Pont-Saint-Vincent, plateau Sainte-Barbe
N 48°36'15.4" E 006°04'29.6", 386m
FR-0-NCY-20185062W

664. *Rosa ferruginea* Vill.
68, Luttenbach-près-Munster, Ried
N 48°00'20.3" E 007°08'06.4", 891m
FR-0-NCY-20195062W

665. *Rosa micrantha* Borrer ex Sm.
54, Arnaville, Le Rudemont
N 49°01'07.8" E 006°01'33.7", 281m
FR-0-NCY-20185156W

666. *Rosa micrantha* Borrer ex Sm.
54, Pont-Saint-Vincent, plateau Sainte-Barbe
N 48°36'15.9" E 006°04'44.7", 387m
FR-0-NCY-20185063W

667. *Rosa pendulina* L.
68, Metzeral, le Rainkopf, Pferrey
N 48°00'40.2" E 006°59'05.7", 1173m
FR-0-NCY-20145086W

668. *Rosa pendulina* L.
68, Metzeral, le Rainkopf, Pferrey
N 48°00'40.2" E 006°59'05.7", 1173m
FR-0-NCY-20215054W

669. *Rosa pendulina* L.
68, Rimbach-près-Guebwiller, Grand ballon
N 47°54'23.3" E 007°06'13.9", 1324m
FR-0-NCY-20155166W
670. *Rosa pendulina* L.
68, Wildenstein, Batteriekopf
N 47°59'41.7" E 006°58'41.5", 1249m
FR-0-NCY-20215052W
671. *Rosa pendulina* L.
88, La Bresse, Chemin des Chaumes
N 48°01'47.2" E 007°00'03.3", 1209m
FR-0-NCY-20185139W
672. *Rosa pseudocabriuscula* (R.Keller) Henker &
G.M.Schulze
54, Vandoeuvre-lès-Nancy, Brabois, Campus INPL
N 48°39'15.5" E 006°09'02.5", 364m
FR-0-NCY-20165134W
673. *Rosa pseudocabriuscula* (R.Keller) Henker &
G.M.Schulze
54, Vandoeuvre-lès-Nancy, Brabois, Campus INPL
N 48°39'15.8" E 006°09'02.3", 365m
FR-0-NCY-20135175W
674. *Rosa rubiginosa* L.
54, Arnaville, Le Rudemont
N 49°01'07.0" E 006°01'38.0", 289m
FR-0-NCY-20185095W
675. *Rosa rubiginosa* L.
54, Essey-lès-Nancy, Butte Sainte-Geneviève
N 48°43'01.9" E 006°13'28.5", 358m
FR-0-NCY-20185064W
676. *Rosa rubiginosa* L.
54, Eulmont, Plateau de Malzéville
N 48°43'35.0" E 006°12'40.7", 383m
FR-0-NCY-20155084W
677. *Rosa rubiginosa* L.
57, Saulny, La Côte
N 49°09'57.5" E 006°05'55.7", 354m
FR-0-NCY-20185157W
678. *Rosa spinosissima* L.
subsp. *spinosissima*
68, Wildenstein, Batteriekopf
N 47°59'41.7" E 006°58'41.5", 1249m
FR-0-NCY-20215053W
679. *Rosa subcanina* (H.Christ) R.Keller
88, Xonrupt-Longemer, l'Envers de Longemer
N 48°03'52.5" E 006°57'09.6", 733m
FR-0-NCY-20195155W
680. *Rosa subcollina* (Christ) Dalla Torre & Sarnth.
88, Xonrupt-Longemer, Lac de Retournemer
N 48°03'28.0" E 006°59'06.0", 783m
FR-0-NCY-20185140W
681. *Rosa subcollina* (Christ) Dalla Torre & Sarnth.
88, Xonrupt-Longemer, route de Retournemer
N 48°03'00.1" E 006°59'08.0", 923m
FR-0-NCY-20175065W
682. *Rosa tomentosa* Sm.
88, Gruvey-lès-Surance, Le Chemin de la Mort
N 48°01'41.76" E 006°10'40.52", 466m
FR-0-NCY-20205233W
683. *Rosa tomentosa* Sm.
88, Les Thons, Bois de la Transaction
N 47°58'55.1" E 005°51'06.5", 328m
FR-0-NCY-20215062W

SEMINA PLANTARUM IN APERTO CULTARUM

**Semences de plantes de pleine-terre récoltées dans le
Jardin Botanique Jean-Marie Pelt.**

**Spores or seeds from plants growing in the open in the
Jean-Marie Pelt Botanical Garden in Villers-lès-Nancy.**

Latitude : 48° 40' N
Longitude : 6° 09' E
Altitude : 267-287 m



**Jardin Botanique Jean-Marie PELT
Photographie : Julien DECOLLOGNE**

**Données climatiques
pour le jardin botanique Jean-Marie Pelt à Villers-lès-Nancy.**

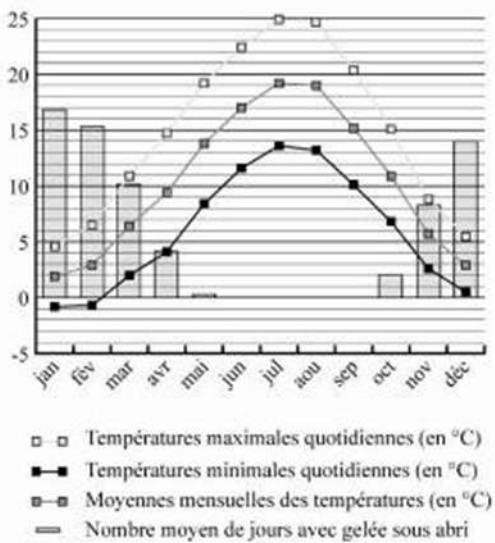
**Climatological data
for the Jean-Marie Pelt Botanical Garden in Villers-lès-Nancy**

Relevés des températures et précipitations à la Station Météorologique de Nancy
Statements of temperatures and precipitations in the meteorological stations of Nancy

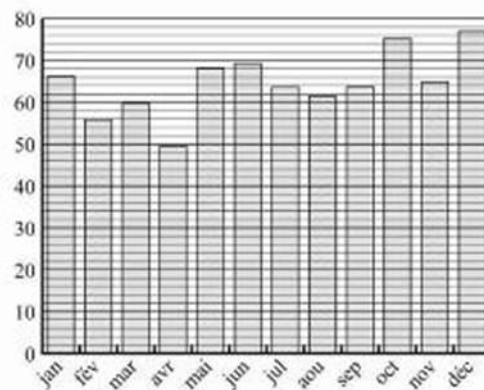
Altitude : 212 m
latitude : 48°41'12" N
Longitude : 06°13'18" E

Sources : **Météo France**

Courbe des températures et jours avec gelée sous abri
période 1980 - 2009



Hauteurs moyennes mensuelles des précipitations en millimètres
période 1980 - 2009 (moyenne annuelle : 774,4 mm)



PHANEROGAMAE

GYMNOSPERMAE

Araucariaceae

685. *Araucaria araucana* (Molina) K.Koch
XX-0-NCY-19780064G

Cupressaceae

686. *Juniperus virginiana* L.
Etats-Unis, New Jersey, Burlington County
US-0-NCY-19810211W

687. *Platycladus orientalis* (L.) Franco
XX-0-NCY-19770471G

688. *Taxodium distichum* (L.) Rich.
Etats-Unis, New Jersey, Sussex County
US-0-NCY-19770255W

Pinaceae

689. *Larix gmelinii* (Rupr.) Kuzen.
var. *olgensis* (Henry) Ostenf. & Syrach
XX-0-NCY-19941120G

690. *Larix laricina* (Du Roi) K.Koch
Etats-Unis, Minnesota
US-0-NCY-19830100Z

691. *Pseudotsuga menziesii* (Mirb.) Franco
Canada, British Columbia, Vancouver
CA-0-NCY-19770276W

692. *Tsuga canadensis* (L.) Carrière
XX-0-NCY-19730504G

ANGIOSPERMAE

MAGNOLIIDAE

Aristolochiaceae

693. *Aristolochia clematitis* L.
XX-0-NCY-19900532G

694. *Aristolochia macrophylla* Lam
XX-0-NCY-19900121G

MONOCOTYLEDONEAE

Amaryllidaceae

695. *Allium angulosum* L.
France, Bas-Rhin, Munchausen
FR-0-NCY-19860338Z

696. *Allium fistulosum* L.
XX-0-NCY-19821273G

697. *Allium lusitanicum* Lam.
France, Pyrénées
FR-0-NCY-19630005W

698. *Allium moly* L.
XX-0-NCY-19810152G

699. *Allium sativum* L.
XX-0-NCY-19830518G

Asparagaceae

700. *Polygonatum biflorum* (Walter) Elliott.
Etats-Unis, Michigan
US-0-NCY-19880639W

701. *Polygonatum humile* Fisch. ex Maxim.
XX-0-NCY-19800087G

Iridaceae

702. *Sisyrinchium montanum* Greene
France, Meurthe & Moselle, Boucq
FR-0-NCY-19937021W

Poaceae

703. *Avena nuda* L.
XX-0-NCY-20110202G

704. *Avena sativa* L.
XX-0-NCY-20100191G

705. *Coix lacryma-jobi* L.
XX-0-NCY-19821275G

706. *Hordeum vulgare* L.
subsp. *vulgare*
XX-0-NCY-20100060G

707. *Lolium temulentum* L.
XX-0-NCY-19821277G

708. *Panicum miliaceum* L.
XX-0-NCY-19960431G

709. *Pleiblastus gramineus* (Bean) Nakai
XX-0-NCY-19951126G

710. *Secale cereale* L.
XX-0-NCY-20100061G

711. *Secale strictum* (C.Presl) C. Presl
DE-0-KIEL-2005-8U-40-210

712. *Setaria verticillata* (L.) P.Beauv.
France, Meurthe & Moselle, Dommartin-lès-Toul
FR-0-NCY-19970057W

713. *Triticum aestivum* L.
XX-0-NCY-20130051G

714. *Triticum monococcum* L.
XX-0-NCY-19821285G

EUDICOTYLEDONEAE

Amaranthaceae

715. *Amaranthus blitum* L.
XX-0-NCY-20150115G

716. *Amaranthus caudatus* L.
XX-0-ULM-1998-F-271

717. *Amaranthus hybridus* L.
subsp. *cruentus* (L.) Thell.
XX-0-NCY-19770554G

718. *Amaranthus hybridus* L.
France
XX-0-BONN-18934

719. *Amaranthus retroflexus* L.
XX-0-NCY-20020053G

720. *Amaranthus spinosus* L.
XX-0-NCY-19920391G

721. *Beta vulgaris* L.
XX-0-NCY-19780230G

722. *Celosia argentea* L.
var. *plumosa* Voss
XX-0-NCY-19960427G

723. *Chenopodium quinoa* Willd.
XX-0-NCY-19920626G

724. *Dysphania botrys* (L.) Mosyakin & Clemants
XX-0-NCY-19820293G

725. *Froelichia gracilis* (Hook.) Moq.
XX-0-NCY-20000311G

726. *Gomphrena serrata* L.
XX-0-NCY-19950140G

Apiaceae

727. *Ammi majus* L.
XX-0-NCY-20110167G

728. *Anethum graveolens* L.
XX-0-NCY-19910333G

729. *Apium graveolens* L.
XX-0-NCY-19890525G

730. *Astrantia major* L.
Suisse, Valais, Mont Widerhorn, 1500m
CH-0-NCY-19920229W

731. *Bupleurum fruticosum* L.
France, Bouches-du-Rhône, Marseille, Morgiou
FR-0-NCY-19900112W

732. *Bupleurum longifolium* L.
France, Doubs, Bannans
FR-0-NCY-19860565W

733. *Carum carvi* L.
Norvège
NO-0-NCY-19900150W

734. *Coriandrum sativum* L.
XX-0-NCY-19900066G

735. *Daucus muricatus* (L.) L.
XX-0-NCY-20110757G

736. *Eryngium serra* Cham. & Schldl.
XX-0-NCY-19940974G

737. *Laser trilobum* (L.) Borkh. ex P.Gaertn.,
B.Mey. & Scher
France, Meurthe & Moselle, Agincourt, Pain de
Sucre
FR-0-NCY-19850553W

738. *Laserpitium siler* L.
France, Doubs, Le Pic de l'Aigle, 900m
FR-0-NCY-20000205W

739. *Levisticum officinale* W.D.J.Koch
XX-0-NCY-19900182G

740. *Petroselinum crispum* (Mill.) Fuss
XX-0-NCY-19820016G

741. *Peucedanum officinale* L.
XX-0-NCY-19910844G

742. *Smyrniolum olusatrum* L.
XX-0-NCY-19950532G

743. *Visnaga daucooides* Gaertn.
XX-0-NCY-19990248G

744. *Xanthoselinum alsaticum* (L.) Schur
XX-0-NCY-20040186G

Araliaceae

745. *Eleutherococcus divaricatus* (Siebold & Zucc.)
S.Y.Hu
Japon, Prefecture de Tochigi, Lake Chzenjinikko,
(ville de Nikko)
JP-0-NCY-19900282W

Asteraceae

746. *Aster amellus* L.
France, Moselle, Novéant-sur-Moselle
FR-0-NCY-19810826W

748. *Calendula arvensis* L.
France, Lot, Causse de Cahors
FR-0-NCY-19950693W

749. *Calendula officinalis* L.
XX-0-NCY-19630018G

750. *Calendula stellata* Cav.
XX-0-NCY-19950647G

751. *Carlina biebersteinii* Bernh. ex Hornem.
subsp. *biebersteinii*
France, Vosges, Hohnneck
FR-0-NCY-19901044W

752. *Carthamus tinctorius* L.
XX-0-NCY-20150007G

753. *Chamaemelum nobile* (L.) All.
XX-0-NCY-19950403G

754. *Cichorium pumilum* Jacq.
XX-0-NCY-19820296G

755. *Cladanthus arabicus* (L.) Cass.
XX-0-NCY-20090290G

756. *Cosmos sulphureus* Cav.
XX-0-NCY-19950655G

757. *Crepis rubra* L.
XX-0-NCY-19950174G

758. *Dimorphoteca pluvialis* (L.) Moench
XX-0-NCY-19950778G

759. *Emilia sonchifolia* (L.) DC.
XX-0-NCY-19950752G

760. *Felicia tenella* (L.) Ness.
XX-0-NCY-20080183G

761. *Guizotia abyssinica* (L.f.) Cass.
XX-0-NCY-20000607G

762. *Helichrysum foetidum* (L.) Cass.
XX-0-NCY-20080158G

763. *Inula helenium* L.
France, Marne, Bouilly
FR-0-NCY-19889030W

764. *Lindheimera texana* A.Gray & Engelm.
XX-0-NCY-20100713G

765. *Madia elegans* D.Don
XX-0-NCY-19950648G

766. *Madia sativa* Molina
XX-0-NCY-19950581G

767. *Mantisalca salmantica* Briq. & Cavill.
XX-0-NCY-20070085G

768. *Onopordum acanthium* L.
France, Meurthe & Moselle, Damelevières, Ferme
de la petite Blehors
FR-0-NCY-20000404W

769. *Rhagadiolus stellatus* (L.) Gaertn.
XX-0-NCY-19950359G

770. *Rudbeckia amplexicaulis* Vahl
XX-0-NCY-20090605G

771. *Schkuhria pinnata* (Lam.) Kuntze
XX-0-NCY-20070127G

772. *Scorzonera hispanica* L.
XX-0-NCY-19950398G

773. *Senecio sarracenicus* L.
France, Meurthe & Moselle, Autreville, Gras Lieux,
184m
FR-0-NCY-19911337W

774. *Serratula coronata* L.
var. *insularis* (Iljin) Kitam.
Japon, Numata City
JP-0-NCY-19961072W

775. *Sonchus palustris* L.
France, Aisne, Villers-Agron
FR-0-NCY-19899124W

776. *Stevia purpurea* Pers.
XX-0-NCY-20070323G

777. *Tithonia rotundifolia* (Mill.) S.F. Blake
XX-0-NCY-20000690G

778. *Tolpis barbata* (L.) Gaertn.
XX-0-NCY-19950776G

779. *Xeranthemum inapertum* (L.) Mill.
Espagne, Province d'Huesca, 1200m
ES-0-NCY-19910424W

780. *Zinnia peruviana* (L.) L.
XX-0-NCY-20070336G

Berberidaceae

781. *Berberis aetnensis* C.Presl
France, Haute-Corse, Col de Vizzanova, 1200m
FR-0-NCY-19940771W

Betulaceae

782. *Carpinus cordata* Blume
XX-0-NCY-19790544G

Boraginaceae

783. *Anchusa officinalis* L.
XX-0-NCY-20110180G

784. *Cerinth major* L.
XX-0-NCY-20160119G

785. *Echium plantagineum* L.
XX-0-NCY-20080173G

786. *Heliotropium europaeum* L.
XX-0-NCY-19830471G

787. *Onosma stellulata* Waldst. & Kit.
XX-0-NCY-20100171G

Brassicaceae

788. *Alyssoides utriculata* (L.) Medik.
Suisse, Valais, 1600m
CH-0-NCY-19700392W

789. *Biscutella laevigata* L.
Italie, Pavillon du Mt Frety, 2000m
IT-0-NCY-20140453W

790. *Brassica napus* L.
XX-0-NCY-19950298G

791. *Brassica rapa* L.
XX-0-U LM-2006-F-18

792. *Camelina sativa* (L.) Crantz
XX-0-NCY-19860370G

793. *Draba incana* L.
XX-0-NCY-19960798G

794. *Hesperis matronalis* L.
XX-0-NCY-20080260G

795. *Hormathophylla macrocarpa* (DC.) K pfer
France, Aveyron, Larzac, Millau
FR-0-NCY-19830185Z

796. *Hormathophylla spinosa* (L.) P.K pfer
XX-0-NCY-19900905G

797. *Isatis tinctoria* L.
France, Haut-Rhin, Westhalten, Bollenberg, 315m
FR-0-NCY-19960052W

798. *Rapistrum rugosum* (L.) All.
XX-0-NCY-19950455G

799. *Sinapis arvensis* L.
France, Meurthe & Moselle, Haumont la chauss e,
La chauss e, 220m
FR-0-NCY-19990043W

Campanulaceae

800. *Campanula incurva* Aucher ex A.DC.
Gr ce, Thessalie, Mt Pliasi, 980m
GR-0-NCY-20050099W

801. *Campanula trichocalycina* Ten.
XX-0-NCY-19940877G

Cannabaceae

802. *Cannabis sativa* L.
XX-0-NCY-19810829G

Cannabaceae

803. *Celtis sinensis* Pers.
XX-0-NCY-19870810G

804. *Dipsacus ferox* Loisel.
XX-0-NCY-20070120G

Caprifoliaceae

805. *Lomelosia graminifolia* (L.) Greuter & Burdet
XX-0-NCY-20000698G

806. *Lonicera iberica* M.Bieb.
XX-0-NCY-19890162G

Caryophyllaceae

807. *Agrostemma githago* L.
France, Vosges, La Mothe d'Asallans
FR-0-NCY-19927018W

808. *Dianthus knapii* (Pant.) Ascherson & Kanitz ex
Borbas
XX-0-NCY-19890910G

809. *Gypsophila oldhamiana* Miq.
Chine, province de Jiangsu, Mont Anhui Nanjing
CN-0-NCY-19941230Z

810. *Gypsophila paniculata* L.
XX-O-MJG-19-43900

811. *Paronychia fastigiata* (Raf.) Fernald
XX-0-NCY-20070338G

812. *Silene bupleuroides* L.
subsp. *staticifolia* (Sibth. & Sm.) Chowd
Grèce, Macédonie, Nomos Kastorias
GR-0-NCY-19960780Z

814. *Silene linicola* C.C.Gmel.
XX-0-NCY-20080108G

Cistaceae

815. *Fumana procumbens* (Dun.) Gren. & Godr.
France, Haut-Rhin, Bollenberg, Westhalten, 300m
FR-0-NCY-20050391W

Convolvulaceae

816. *Convolvulus tricolor* L.
XX-0-NCY-19940241G

817. *Ipomoea purpurea* Roth
XX-0-NCY-19910254G

Coriariaceae

818. *Coriaria japonica* A.Gray
XX-0-NCY-19820194G

Crassulaceae

819. *Phedimus aizoon* (L.) 't Hart
XX-0-NCY-19770248G

820. *Rhodiola ishidae* (Miyabe & Kudô) Hara
XX-0-NCY-19940105G

Cucurbitaceae

821. *Ecbalium elaterium* (L.) A.Rich.
XX-0-BERN-2002/88

Datisceae

822. *Datisca cannabina* L.
XX-0-NCY-19910869G

Ericaceae

823. *Erica tetralix* L.
Portugal, Santiago do Cacém, Lagaoa de Santo
André
PT-0-NCY-19970487W

824. *Vaccinium macrocarpon* Aiton
XX-0-NCY-19860778G

Euphorbiaceae

825. *Euphorbia lathyris* L.
France, Meurthe & Moselle, Méréville
FR-0-NCY-19820569W

826. *Euphorbia marginata* Pursh
XX-0-NCY-19910521G

827. *Ricinus communis* L.
XX-0-NCY-19830336G

Fabaceae

828. *Genista hispanica* L.
XX-0-NCY-19988340G

829. *Genista horrida* (Vahl) DC.
Espagne, Province Hesca
ES-0-NCY-19960773W

830. *Glycine max* (L.) Merr.
XX-0-POTSD-1940308101

831. *Lathyrus sativus* L.
XX-0-NCY-19810837G

832. *Lens culinaris* Medik.
XX-0-NCY-19850118G

833. *Lupinus albus* L.
XX-0-NCY-19920924G

834. *Phaseolus coccineus* L.
XX-0-NCY-19850134G

835. *Phaseolus vulgaris* L.
XX-0-NCY-19960411G

836. *Thermopsis lupinoides* (L.) Link
Russie, Sakhaline
RU-0-NCY-19690346W

837. *Trifolium pannonicum* Jacq.
XX-0-NCY-20020264G

838. *Trigonella caerulea* (L.) Ser.
XX-0-NCY-20010569G

839. *Trigonella foenum-graecum* L.
XX-0-NCY-19890261G

840. *Trigonella officinalis* (L.) Coulot & Rabaute
XX-0-NCY-20090350G

Gentianaceae

841. *Gentiana cruciata* L.
Bosnie-Herzégovine, Bosnie
BA-0-NCY-19870241W

842. *Gentiana tibetica* King.
XX-0-NCY-19900835G

Geraniaceae

843. *Geranium carolinianum* L.
XX-0-NCY-19890894G

844. *Geranium sanguineum* L.
XX-0-NCY-19940524G

Hypericaceae

845. *Hypericum olympicum* L.
XX-0-NCY-19921613G

846. *Hypericum patulum* Thunb.
XX-0-NCY-19660466G

Lamiaceae

847. *Dracocephalum moldavica* L.
XX-0-NCY-19920856G

848. *Hyssopus officinalis* L.
XX-0-NCY-19810650G

849. *Lavandula angustifolia* Mill.
subsp. *pyrenaica* (DC.) Guinea
XX-0-NCY-19930152G

850. *Leonurus cardiaca* L.
France, Moselle, Sturzelbronn
FR-0-NCY-19870816W

851. *Marrubium vulgare* L.
XX-0-NCY-19830576G

852. *Monarda fistulosa* L.
Etats-Unis, New Jersey, Morris County.
US-0-NCY-20110556W

853. *Nepeta cataria* L.
XX-0-NCY-19810843G

854. *Phlomis russeliana* (Sims) Benth.
XX-0-NCY-19798492G

855. *Phlomis tuberosa* (L.) Moench.
XX-0-NCY-19920905G

856. *Prunella hastifolia* Brot.
Espagne, Catalogne, prov. de Barcelone, Santa
Cecilia, Montserrat, Bages
ES-0-M-1980/2258

857. *Salvia sclarea* L.
Italie
IT-0-NCY-19850306W

858. *Salvia viridis* L.
XX-O-ROST-2003-F-1532

859. *Sideritis hyssopifolia* L.
XX-0-NCY-19930919G

860. *Stachys alpina* L.
France, Pyrénées, Pic de la Ceciré, 1600m
FR-0-NCY-19890112W

861. *Teucrium arduini* L.
XX-0-NCY-20050051G

862. *Teucrium chamaedrys* L.
France, Territoire de Belfort, Florimont, 270m
FR-0-NCY-20050366W

Lardizabalaceae

863. *Akebia quinata* (Houtt.) Decne.
France, Meurthe & Moselle, Laxou
FR-0-NCY-19780719W

Linaceae

864. *Linum tenuifolium* L.
France, Haut-Rhin, Westhalten, Strangenberg,
398m
FR-0-NCY-20050388W

865. *Linum usitatissimum* L.
XX-0-NCY-19820253G

Malvaceae

866. *Abelmoschus esculentus* (L.) Moench
XX-0-NCY-20120438G

867. *Alcea rosea* L.
XX-0-NCY-19930478G

868. *Anoda cristata* (L.) Schltld.
XX-0-NCY-19920835G

869. *Hibiscus trionum* L.
XX-0-NCY-19821241G

870. *Malope trifida* Cav.
XX-0-NCY-20140049G

871. *Malva nicaeensis* All.
XX-0-NCY-20110339G

872. *Malva sylvestris* L.
France, Meurthe & Moselle, Villers-lès-Nancy, Le
Montet
FR-0-NCY-19820767W

873. *Malva verticillata* L.
XX-0-NCY-19920989G

874. *Modiola caroliniana* (L.) G.Don
XX-0-NCY-20110284G

875. *Sida hermaphrodita* L. Rusby
XX-0-NCY-19920820G

876. *Sidalcea candida* A.Gray
XX-0-NCY-19920367G

Nothofagaceae

877. *Nothofagus obliqua* (Mirb.) Oerst.
Chili
CL-0-NCY-19830107W

Nyctaginaceae

878. *Mirabilis viscosa* Cav.
XX-0-DR-001572

Onagraceae

879. *Clarkia bottae* (Spach) F.R.Lewis & M.E.Lewis
XX-0-NCY-20080035G

880. *Clarkia pulchella* Pursh
XX-0-NCY-20110194G

Paeoniaceae

881. *Paeonia anomala* L.
XX-0-NCY-19921374G

882. *Paeonia arietina* G.Anderson
Turquie
TR-0-NCY-19890201Z

883. *Paeonia daurica* Lomakin
subsp. *mlokosewitschii* (Lomakin) D.Y.Hon
XX-0-NCY-19760194G

884. *Paeonia ludlowii* (Stern & G.Taylor) D.Y.Hong
XX-0-NCY-19920709G

885. *Paeonia officinalis* L.
XX-0-NCY-19580000G

886. *Paeonia officinalis* L.
subsp. *microcarpa* Nyman
France, Hérault, Forêt de Cassagnoles
FR-0-NCY-19900570W

887. *Paeonia officinalis* L.
France, Hérault, Soumartre, Faugères
FR-0-NCY-19880039W

888. *Paeonia peregrina* Mill.
XX-0-NCY-19750847G

889. *Paeonia peregrina* Mill.
var. *romanica*
XX-0-NCY-19921527G

Papaveraceae

890. *Argemone mexicana* L.
XX-0-NCY-19870286G

891. *Corydalis ophiocarpa* Hook.f. & T.Thoms.
XX-0-NCY-19930380G

892. *Glaucium flavum* Crantz
XX-0-NCY-19900088G

893. *Papaver hybridum* L.
XX-0-NCY-19910083G

894. *Papaver somniferum* L.
XX-0-NCY-19980205G

Penthoraceae

895. *Penthorum sedoides* L.
Etats-Unis, Michigan, Ingham county, 253m
US-0-NCY-19990288W

Plantaginaceae

896. *Digitalis lanata* Ehrh.
subsp. *lanata*
XX-0-NCY-19830530G

897. *Digitalis lutea* L.
France, Mthe & Mlle, Vandoeuvre, 390m
FR-0-NCY-19821234W

898. *Digitalis parviflora* Jacq.
Espagne, Province de Oviedo
ES-0-NCY-19930721Z

899. *Plantago afra* L.
XX-0-NCY-19821249G

900. *Plantago bellardii* All.
subsp. *bellardii*
France, Vars (83), Plan de la tour, maquis rocailleux
FR-0-NCY-20110470W

901. *Plantago coronopus* L.
France, Manche, Genêt, Bec d'Audaine, 3m
FR-0-NCY-19970023W

Polemoniaceae

902. *Polemonium caeruleum* L.
France, Doubs, Vaux et Chantegrue
FR-0-NCY-19860566W

Polygonaceae

903. *Rheum rhaponticum* L.
XX-0-NCY-19860359G

904. *Rumex aquaticus* L.
XX-0-NCY-19940839G

905. *Rumex pulcher* L.
Italie
IT-0-NCY-19810549W

Portulacaceae

906. *Cistanthe grandiflora* (Lindl.) Schltld.
XX-0-NCY-20080080G

Primulaceae

907. *Samolus valerandi* L.
France, Moselle, Juvelize, Desborne, 205m
FR-0-NCY-20110798Z

Ranunculaceae

908. *Adonis annua* L.
XX-0-NCY-19900840G

910. *Nigella damascena* L.
XX-0-NCY-19900086G

911. *Ranunculus arvensis* L.
France, Moselle, Fribourg, Haut d'Albing, 280m
FR-0-NCY-19990001W

912. *Thalictrum aquilegifolium* L.

France, Jura, Dournon
FR-0-NCY-19848047W

913. *Thalictrum minus* L.

subsp. *saxatile* Ces.
France, Haut-Rhin, Westhalten, Strangenberg,
398m
FR-0-NCY-20050384W

Rhamnaceae

914. *Ziziphus ziziphus* (L.) Meikle

XX-0-NCY-20070324G

Rosaceae

915. *Amelanchier ovalis* Medik.

subsp. *embergeri* Favarger & Stearn
France, Meurthe & Moselle, Pompey, Forêt de
l'Avant-Garde
FR-0-NCY-19927029W

916. *Cotoneaster afghanicus* G.Klotz

Afghanistan
AF-0-NCY-19761005W

917. *Cotoneaster taoensis* G.Klotz

XX-0-NCY19950617G

918. *Cotoneaster taylorii* T.T.Yu

XX-0-NCY-19960571G

919. *Crataegus arnoldiana* Sarg.

XX-0-NCY19730485G

920. *Crataegus mollis* (Torr. & A.Gray) Scheele

Etats-Unis, Iowa
US-0-NCY-19830114Z

921. *Filipendula vulgaris* Moench

Russie, 80 km au sud de Moscou
RU-0-NCY-19810790W

922. *Geum hispidum* Fr.

France, Pyrénées-Orientales, Cerdagne
FR-0-NCY-19927025W

923. *Malus sieversii* (Ledeb.) M.Roem.

XX-0-NCY-19750866G

924. *Potentilla chinensis* Ser.

XX-0-NCY-19918158G

925. *Potentilla crantzii* (Crantz) Beck ex Fritsch

subsp. *saxatilis* (Boulay) Sojak
France, Vosges, Cleurie, la Charme, 700m
FR-0-NCY-20057012W

926. *Potentilla intermedia* L.

XX-0-NCY-19700706G

927. *Potentilla pedata* Willd. ex Hornem.

Grèce, Thessalie
GR-0-NCY-19921015Z

928. *Potentilla pennsylvanica* L.

Etats-Unis, Alaska
US-0-NCY-19921012W

929. *Prunus brigantina* Vill.

France, Hautes-Alpes, région de Briançon
FR-0-NCY-19750975W

930. *Rhodotypos scandens* (Thunb.) Makino

XX-0-NCY-19680159G

931. *Rosa beggeriana* Schrenk

XX-0-NCY-19870772G

932. *Rosa davurica* Pall.

XX-0-NCY-19870315G

933. *Rosa obtusifolia* Desv.

Italie
IT-0-NCY-19870769W

934. *Rosa palustris* R.S.Marsh

Etats-Unis, Michigan
US-0-NCY-19880741W

936. *Rosa pisocarpa* A.Gray

XX-0-NCY-19921415G

937. *Rosa pygmaea* M.Bieb.

Ukraine, Crimée
UA-0-NCY-19860599W

938. *Rosa rubiginosa* L.

France, Haut-Rhin, Strangenberg
FR-0-NCY-19800148W

939. *Rosa sherardii* Davies

Finlande, Kungsö
FI-0-NCY-19840503W

940. *Rosa sicula* Tratt.

XX-0-NCY-19880425G

935. *Rosa spinosissima* L.
subsp. *spinosissima*
France, Haut-Rhin, Ingersheim, Florimont, 300m
FR-0-NCY-20050360W

941. *Rosa tomentosa* Sm.
France, Haut-Rhin, Freundstein
FR-0-NCY-19830402W

942. *Rosa woodsii* Lindl.
Canada, Alberta
CA-0-NCY-19730314W

943. *Sibbaldia cuneata* Hornem. ex Kuntze
XX-0-NCY-19890113G

944. *Sorbus alnifolia* (Siebold & Zucc.) K.Koch
XX-0-NCY-19790554G

945. *Sorbus americana* Marshall
Canada, Ontario
CA-0-NCY-19750897W

946. *Sorbus bristoliensis* Willmott
XX-0-NCY-19960976G

947. *Sorbus pohuashensis* (Hance) Hedl.
XX-0-NCY-19921047G

Rubiaceae

948. *Asperula arvensis* L.
XX-0-NCY-19821266G

949. *Cephalanthus occidentalis* L.
Etats-Unis, Kentucky, Marshall county
US-0-NCY-19890269W

Rutaceae

950. *Dictamnus albus* L.
XX-0-NCY-19820907G

951. *Ruta graveolens* L.
XX-0-NCY-19800623G

Sapindaceae

952. *Cardiospermum halicacabum* L.
Chine
CN-0-NCY-20090106W

Scrophulariaceae

953. *Alonsoa meridionalis* (L.f.) Kuntze
XX-0-NCY-20000608G

954. *Buddleja japonica* Hemsl.
XX-0-NCY-19930493G

955. *Verbascum densiflorum* Bertol.
XX-0-NCY-19970541G

Solanaceae

956. *Browallia americana* L.
XX-0-NCY-19940559G

957. *Datura stramonium* L.
XX-0-NCY-19821269G

958. *Hyoscyamus niger* L.
XX-0-NCY-19890265G

959. *Nicandra physalodes* (L.) Gaertn.
XX-0-NCY-20010533G

960. *Nicotiana glauca* Link & Otto
XX-0-NCY-19960293G

961. *Nicotiana glauca* L.
XX-0-NCY-20020245G

962. *Nicotiana glauca* L.
XX-0-NCY-19970658G

963. *Physalis alkekengi* L.
XX-0-NCY-19830649G

964. *Solanum heterodoxum* Dunal ex DC.
XX-0-NCY-19950001G

965. *Solanum rostratum* Dunal
XX-0-STGAL-83/2000

Staphyleaceae

966. *Staphylea trifolia* (Thunb.) DC.
XX-0-NCY-19890656G

Styracaceae

967. *Pterostyrax corymbosus* Siebold & Zucc.
XX-0-NCY-19800405G

968. *Styrax japonicus* Siebold & Zucc.
XX-0-NCY-19980487G

Tropaeolaceae

969. *Tropaeolum majus* L.
XX-0-NCY-20080239G

Viburnaceae

970. ***Viburnum burejaeticum*** Regel & Herder
XX-0-NCY-19810169G

971. ***Viburnum macrocephalum*** Fort.
XX-0-NCY-19910749G

SPORAE ET SEMINA E PLANTIS IN HORTO BOTANICO

ALPINO CULTIS

Spores ou semences de plantes récoltées au
Jardin d'Altitude du Haut Chitelet

Spores or seeds from plants collected in the
Haut Chitelet Alpine Garden

Latitude : 48° 03' N

Longitude

Altitude : 1210-1228 m

Données climatiques
pour le Jardin d'Altitude du Haut Chitelet

Climatological data
for the in the Haut Chitelet Alpine Garden

Relevés des températures et précipitations à la Station Météorologique du Markstein
Statements of temperatures and precipitations in the meteorological stations of the Markstein

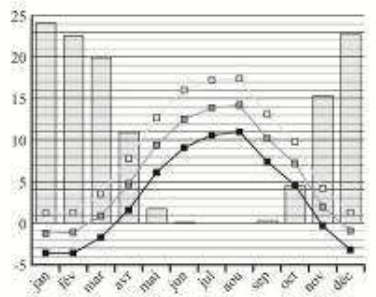
Altitude : 1184 m

latitude : 47°55'18" N

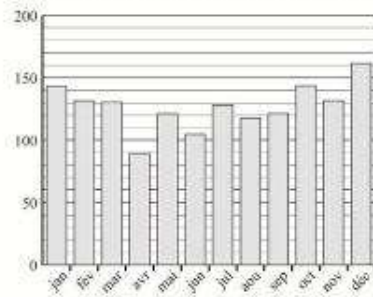
Longitude : 07°01'54" E

Sources : **Météo France**

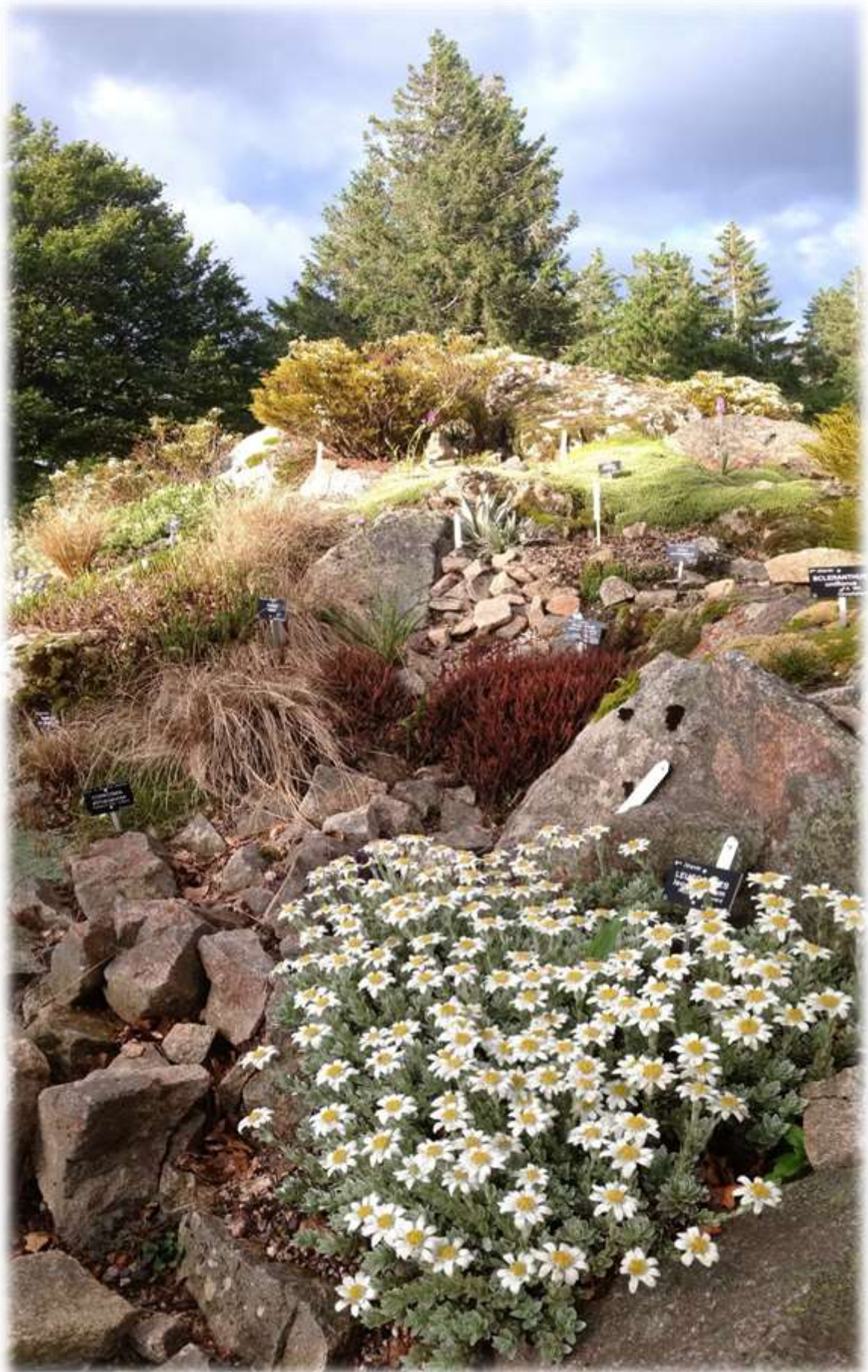
Courbe des températures et jours avec gelée sous abri
période 1989 - 2009



Hauteurs moyennes mensuelles des précipitations en millimètres
période 1989 - 2009 (moyenne annuelle : 1524,6 mm)



□ □ Températures maximales quotidiennes (en °C)
■ ■ Températures minimales quotidiennes (en °C)
○ ○ Moyennes mensuelles des températures (en °C)
— Nombre moyen de jours avec gelée sous abri



Rocaille Nouvelle-Zélande, Jardin d'Altitude du Haut Chitelet,

Photographie : Philippe CHAUVET

PTERIDOPHYTA

Aspleniaceae

972. *Asplenium adulterinum* Milde
XX-0-NCY-20128281G

Pteridaceae

973. *Cryptogramma crispera* (L.) R.Br.
France, Haute-Loire, Mont Mézenc, Les Etables,
1750m
FR-0-NCY-19768389W

PHANEROGAMAE

GYMNOSPERMAE

Pinaceae

974. *Abies procera* Rehder
Etats-Unis, Oregon, Multnomah Co, Larch
Mountain, 975 m
US-0-NCY-19820803Z

975. *Larix kaempferi* (Lamb.) Carrière
Japon, Hokkaido
JP-0-NCY-19740340W

ANGIOSPERMAE

MONOCOTYLEDONEAE

Amaryllidaceae

976. *Allium beesianum* W.W.Sm.
XX-0-NCY-20098160G

977. *Allium cernuum* Roth
Canada
CA-0-LAU-PdN20253Z

978. *Allium farreri* Stearn
XX-0-NCY-19720416G

979. *Allium mairei* H.Lév.
XX-0-NCY-19948120G

980. *Allium prattii* C.H.Wright
Chine, Yunnan, Zhongdian
CN-0-NCY-20058107W

981. *Allium sikkimense* Baker
XX-0-NCY-20128107G

982. *Allium victorialis* L.
France, Haute-Loire, Mont Mézenc, Les Etables,
1750m
FR-0-NCY-19768277W

983. *Narcissus poeticus* L.
subsp. *radiiflorus* (Salisb.) Baker
France, Hautes-Alpes, Lautaret, 2100 m
FR-0-NCY-19848028W

Asparagaceae

984. *Maianthemum racemosum* (L.) Link
Etats-Unis, Michigan, Ingham Co, Rose Lake bog,
256 m
US-0-NCY-20098106W

985. *Paradisea liliastrum* (L.) Bertol.
France, Savoie, Bonneval-sur-Arc
FR-0-NCY-19700414W

986. *Streptopus amplexifolius* (L.) DC.
France, Vosges, Chemin de Schmargult, 1200 m
FR-0-NCY-19988283W

Cyperaceae

987. *Carex dallii* Kirk
Nouvelle-Zélande, South Island, W. of Fox Glacier
Township
NZ-0-FRP-21485

988. *Carex talbotii* Kottaim
XX-0-NCY-20088064G

Iridaceae

989. *Crocus vernus* (L.) Hill
France, Jura
FR-0-NCY-19778463W

990. *Iris bulleyana* Dykes
XX-0-NCY-20008144G

991. *Iris hookeri* Penny ex G.Don.
Canada, Québec, MRC La-Haute-Côte-Nord, Les
Escoumins, chemin de la Croix, 1m
CA-0-NCY-20168174W

992. *Iris laevigata* Fisch.
Russie, Extrême Orient, Ile Kunaschir
RU-0-NCY-19918002W

993. *Iris latifolia* (Mill.) Voss
France, Pyrénées, Pic de Céciré, 1600 m
FR-0-NCY-19890105W

994. *Iris setosa* Pall. ex Link
Russie, Iles Kouriles
RU-0-NCY-19660217W

995. *Iris versicolor* L.
Saint-Pierre-et-Miquelon
PM-0-NCY-19988192W

996. *Moraea alticola* Goldblatt
XX-0-NCY-20078147G

997. *Sisyrinchium montanum* Greene
Etats-Unis, Massachusetts, Northampton Hospital
Hill
US-0-NCY-20108165W

998. *Sisyrinchium patagonicum* Phil.ex Baker
XX-0-NCY-20018096G

Juncaceae

999. *Luzula rufa* Edgar
XX-0-NCY-19970345G

1000. *Luzula ulophylla* (Buchenau) Cockayne &
Laing
XX-0-M-2006/1600

Liliaceae

1001. *Erythronium dens-canis* L.
XX-0-DR-009297

1002. *Erythronium oregonum* Applegate
Etats-Unis
US-0-NCY-20098157Z

1003. *Lilium apertum* Franch.
XX-0-NCY-20118437G

1004. *Lilium bulbiferum* DC.
var. *croceum* (Chaix) Pers.
France, Hautes-Alpes
FR-0-NCY-19728942W

1005. *Lilium lophophorum* (Bureau & Franch.)
Franch.
Chine, Sichuan, 3850m
CN-0-NCY-20098066Z

1006. *Lilium pyrenaicum* Gouan
France, Pyrénées-Orientales, Val d'Eyne, 1700m
FR-0-NCY-19758177W

1007. *Lilium taliense* Franch.
XX-0-NCY-20138502G

1008. *Tulipa sylvestris* L.
subsp. *sylvestris*
France, Bas-Rhin, Barr
FR-0-NCY-19878438W

Melanthiaceae

1009. *Anticlea elegans* (Pursh) Rydb.
XX-0-NCY-20128283G

1010. *Veratrum album* L.
Autriche, Basse-Autriche, Schneeberg, 2070 m
AT-0-NCY-19720371W

1011. *Veratrum maackii* Regel
var. *parviflorum* (Maxim. ex Miq.) H.Hara
XX-0-NCY-20028069G

1012. *Veratrum nigrum* L.
XX-0-NCY-19938367G

Poaceae

1013. *Patzkea paniculata* (L.) G.H.Loos
subsp. *paniculata*
France, Hautes-Alpes, Le Lautaret, 2100 m
FR-0-NCY-19878044W

1014. *Stipa eriocalis* Borbás
subsp. *eriocalis*
Italie, Val d'Aoste, Tsaplana, 2200m
IT-0-NCY-19998140W

Tofieldiaceae

1015. *Tofieldia calyculata* (L.) Wahlenb.
Italie, Lombardie, Boscopiano Valdidentro, 1500 m
IT-0-NCY-20098220W

EUDICOTYLEDONEAE

Adoxaceae

1016. *Viburnum edule* (Michx.) Raf.
Etats-Unis, Alaska, Chugach State Park
US-0-NCY-19918204W

Apiaceae

1017. *Angelica razulii* Gouan
France, Pyrénées-Orientales, route des Bouillouses
FR-0-NCY-19858357W

1018. *Astrantia maxima* Pall.
Russie, Caucase, Arkhyz, path to Sofia Glacier
waterfalls, 2000-2200 m
XX-0-NCY-20128112G

1019. *Bupleurum petraeum* L.
Autriche, Karawanken, Seeberg Sattel
AT-0-NCY-20108073W

1020. *Eryngium alpinum* L.
France, Savoie
FR-0-NCY-19680943W

1021. *Eryngium bourgatii* Gouan
subsp. *bourgatii*
France, Pyrénées-Orientales, Llo
FR-0-NCY-19838143W

1022. *Molopospermum peloponnesiacum* (L.)
W.D.J. Koch
subsp. *peloponnesiacum*
France, Gard, Mont Aigoual
FR-0-NCY-19731137W

1023. *Mutellina adonidifolia* (J.Gay) Guterm.
Italie, Val d' Aoste, La Thuile, Youla, 2580 m
IT-0-NCY-20008169W

1024. *Myrrhis odorata* (L.) Scop.
Croatie
HR-0-NCY-19720961W

Asteraceae

1025. *Achillea clavennae* L.
Autriche, Raxalpe, 2000m
AT-0-NCY-19720240W

1026. *Achillea erba-rotta* All.
subsp. *ambigua* (Heimerl) I.Richardson
Italie, Val di Cogne, 2400m
IT-0-NCY-20068280W

1027. *Anaphalis margaritacea* (L.) Benth. &
Hook.f.
XX-0-NCY-19958147G

1028. *Antennaria canescens* Malte
Groenland, Narsaq Point
GL-0-NCY-19780088W

1029. *Archanthemis marschalliana* (Willd.) Lo
Presti & Oberpr.
XX-0-NCY-19858209G

1030. *Artemisia eriantha* Ten.
Italie, Gran Sasso, Monte Corro , 2600 m
IT-0-NCY-20058159W

1031. *Aster alpinus* L.
Italie, Lombardie, Passo Foscagno, 1900-2100 m
IT-0-NCY-20138044W

1032. *Athrixia fontana* MacOwan
Lesotho, Bokong, 2920m
LS-1-M-2007/0765
If descendants of this accession are given to third
parties, Munich Botanic Garden
(indexsem@snsb.de) has to be informed

1033. *Berkheya multijuga* (DC.) Roessler
Lesotho, Mafika Lisiu Pass, 3090m
LS-1-M-2007/0766
If descendants of this accession are given to third
parties, Munich Botanic Garden
(indexsem@snsb.de) has to be informed

1034. *Berkheya purpurea* (DC.) Mast.
Afrique du Sud, Drakensberg
ZA-0-IB-006457

1035. *Carduus carlinoides* Gouan
subsp. *carlinoides*
XX-0-M-G/1148

1036. *Celmisia viscosa* Hook.f.
XX-0-NCY-20118455G

1037. *Cirsium eriophorum* (L.) Scop.
Autriche, Carinthie, Karawanken, Hochobir, 1500 m
AT-0-NCY-19828025W

1038. *Cotula socialis* Hilliard
Lesotho, Mokhotlong, Letseng-La-Terae, 3127m
LS-1-M-20102030
If descendants of this accession are given to third
parties, Munich Botanic Garden
(indexsem@snsb.de) has to be informed

1039. *Crepis aurea* (L.) Cass.
subsp. *aurea*
France, Hautes-Alpes, Lautaret
FR-0-NCY-19928105W
1040. *Crepis pyrenaica* (L.) Greuter
XX-0-NCY-19938227G
1041. *Doronicum corsicum* (Loisel.) Poir.
France, Corse, Evisa, 1000 m
FR-0-NCY-19768088W
1042. *Erigeron caucasicus* Steven
Géorgie, Province de Racha-lechkhumi, 1400 m
GE-0-NCY-20098067W
1043. *Erigeron hungaricus* (Vierh.) Pawl.
XX-0-NCY-20128496G
1044. *Erigeron multiradiatus* (Lindl. ex DC.) Benth.
& Hook.f.
XX-0-NCY-19958173G
1045. *Erigeron schleicheri* Greml
Italie, Val d'Aoste, Gimillan, Tsaplana, 2200 m
IT-0-NCY-20038012W
1046. *Helichrysum albobrunneum* S.Moore
Lesotho, Mafika Lisiu Pass, 3090m
LS-1-M-20070796
If descendants of this accession are given to third parties, Munich Botanic Garden (indexsem@snsb.de) has to be informed
1047. *Helichrysum milfordiae* Killick
XX-0-NCY-19838156G
1048. *Hieracium alpinum* L.
Slovaquie, Vysoké Tatry, Biolovodska dolina
SK-0-NCY-19918072W
1049. *Hieracium bupleuroides* C.C.Gmel.
XX-0-NCY-19960791G
1050. *Homogyne alpina* (L.) Cass.
République Tchèque, Vysoké Tatry, Kèzmarska-chata
CZ-0-NCY-19728510W
1051. *Hypochoeris uniflora* Vill.
Autriche, Kärnten, Schoberriegel, 2300 m
AT-0-NCY-20038043W
1052. *Hypochoeris maculata* L.
France, Haut-Rhin, Goldbach-Altenbach, Le Grand Ballon, 1350m
FR-0-NCY-19880530W
1053. *Jacobaea abrotanifolia* Moench.
subsp. *tiroliensis* (Dalla Torre) B.Nord. & Greuter
XX-0-NCY-19730996G
1054. *Jacobaea adonidifolia* (Loisel.) Pelsler & Veldkamp
France, Haute-Loire, Saint-Bonnet le Froid, 1100 m
FR-0-NCY-19768275W
1055. *Leontopodium nivale* (Ten.) A.Huet ex Hand.-Mazz.
subsp. *alpinum* (Cass.) Greuter
Autriche, Raxalpe, Schneeberg, 1700-2000 m
AT-0-NCY-20128160W
1056. *Leucogenes leontopodium* (Hook.f.) Beauverd
XX-0-NCY-20138379G
1057. *Ligularia calthifolia* Maxim.
Russie, Primorsk region, Golets Mt, 1550 m
RU-0-NCY-20058066G
1058. *Ligularia cymbulifera* (W.W.Sm.) Hand.-Mazz.
Chine, Yunnan, Zhongdian
CN-0-NCY-20058128W
1059. *Ligularia dictyoneura* (Franch.) Hand.-Mazz.
Chine, Yunnan, Lijiang, 3372 m
CN-0-NCY-20128305W
1060. *Ligularia fischeri* (Ledeb.) Turcz.
République de Corée, Mt. Halla, 1500m
KR-0-NCY-20078076W
1061. *Ligularia latihastata* Hand.-Mazz.
Chine, Yunnan, Zhongdian, 3029 m
CN-0-NCY-20128306W
1062. *Pentanema orientale* (Lam.) D.Gut.Larr., Santos-Vicente, Ande
Russie, Caucase, Alibek valley, 1800 m
RU-0-NCY-20098200W
1063. *Saussurea discolor* (Willd.) DC.
XX-0-NCY-20128230G
1064. *Saussurea iodostegia* Hance
Chine, Shaanxi, Qinling Mts, Taibai Shan, 3400 m
CN-0-NCY-20098168W

1066. *Senecio doronicum* (L.) L.
Italie, Val d'Aoste, Pavillon du mont Fréty, 2200 m
IT-0-NCY-20118389W

1067. *Senecio macrocephalus* DC.
Lesotho, Bokong, 2920m
LS-0-FRP-26216

1068. *Solidago multiradiata* Aiton
Etats-Unis, Washington, Cascades, Skyline Divide,
2042 m
US-0-NCY-20138165W

1069. *Tanacetum coccineum* (Willd.) Grierson
Géorgie, Kacheti, Lagodekhi alpine station,
GE-0-M-2002/2704

1070. *Tolpis staticifolia* (All.) Sch.Bip.
Autriche, Eisenerzer Alpen, Gesäuse, 800m
AT-0-GZU-14138

Betulaceae

1071. *Betula ermanii* Cham.
Russie, Sakhaline
RU-0-NCY-19731151Z

Boraginaceae

1072. *Myosotis australis* R.Br.
XX-0-NCY-20098380G

Brassicaceae

1073. *Biscutella laevigata* L.
subsp. *laevigata*
XX-0-NCY-20118278G

1074. *Boechera lyalii* (S.Watson) Dorn
Canada, British Columbia, Rocky Mountains
CA-0-NCY-19690532W

1075. *Draba aizoides* L.
XX-0-NCY-20038109G

1076. *Draba subnivalis* Braun-Blanq.
XX-0-NCY-20128269G

1077. *Draba ussuriensis* Pohle
XX-0-NCY-19948564G

1078. *Erysimum pulchellum* (Willd.) J.Gay
XX-0-NCY-20118264G

1079. *Erysimum sylvestre* (Crantz) Scop.
subsp. *aurantiacum* (Leyb.) P.W.Ball
XX-0-NCY-20138258G

Calceolariaceae

1080. *Calceolaria biflora* Lam.
XX-0-NCY-19948329G

Campanulaceae

1081. *Campanula barbata* L.
Autriche, Stubai Alpen
AT-0-NCY-19680545W

1082. *Campanula carpatica* Jacq.
XX-0-NCY-20098166G

1083. *Campanula excisa* Schleich. ex Murith
Suisse, Valais
CH-0-NCY-19690435W

1084. *Campanula lactiflora* M.Bieb.
XX-0-NCY-19918171G

1085. *Campanula rhomboidalis* L.
France, Ain, Crêt de la Neige, 1700m
FR-0-NCY-19741080W

1086. *Campanula saxifraga* M.Bieb.
XX-0-NCY-19701044G

1087. *Campanula thyrsoides* L.
subsp. *carniolica* (Sünd.) Podlech
Autriche, Carinthie, Eisenkappel Vellach, 1070 m
AT-0-NCY-20148012W

1088. *Campanula thyrsoides* L.
subsp. *thyrsoides*
Suisse, Grisons, Motta Naluns, 2130 m
CH-0-STGAL20030

1089. *Codonopsis clematidea* (Schrenk) C.B.Clark
XX-0-NCY-19968126G

1090. *Codonopsis ovata* Benth.
XX-0-NCY-20128286G

1091. *Codonopsis subscaposa* Kom.
XX-0-NCY-20128101G

1092. *Cyananthus microphyllus* Edgew.
XX-0-NCY-19770473G

1093. *Edraianthus graminifolius* (L.) A.DC. ex
Meisn.
subsp. *graminifolius*
Italie, Apennins, Corno Grande, 2200 m
IT-0-NCY-20038219W

1094. *Phyteuma confusum* A. Kern.
Autriche, Styrie, Seetaler Alpen, St Obdach,
Lindersee, 2060 m
AT-0-NCY-20138007W

1095. *Phyteuma hemisphaericum* L.
Autriche, Carinthie, Turracher Wald, 2000-2400 m
AT-0-NCY-19720365W

1096. *Phyteuma orbiculare* L.
var. *alpestre* Kirschleger
France, Haut-Rhin, Geishouse, Le Grand Ballon
FR-0-NCY-19878439W

1097. *Phyteuma vagneri* A.Kern.
Roumanie, Tarcu, Hunedoara
RO-0-REYK 2007/001

Caprifoliaceae

1098. *Lonicera alpigena* L.
subsp. *alpigena*
France, Savoie, 1500 m
FR-0-NCY-19731144W

1099. *Lonicera pyrenaica* L.
subsp. *pyrenaica*
France, Pyrénées
FR-0-NCY-19700568W

1100. *Patrinia gibbosa* Maxim.
Japon, Iwate, Mt Hachimantai
JP-0-NCY-19730909Z

1101. *Scabiosa columbaria* L.
subsp. *banatica* (Waldst. & Kit.) Diklic
Roumanie, Muntele, Piatra Craiului
RO-0-NCY-19720465W

Caryophyllaceae

1102. *Atocion compactum* (Fisch. ex Hornem.)
Tzvelev
Russie, Caucase, Czegem
RU-0-NCY-20108022W

1103. *Cerastium tomentosum* L.
Italie, Gran Sasso, Albergo di C. Imperatore, 2000m
IT-0-NCY-20068170W

1104. *Dianthus alpinus* L.
Autriche, Raxalpe, Schneeberg, 1700-2000 m
AT-0-NCY-20128159W

1105. *Dianthus furcatus* Balb.
Italie, Ris delle Navette, 1800 m
IT-0-NCY-19918082W

1106. *Dianthus glacialis* Haenke
XX-0-NCY-20108250G

1107. *Dianthus seguieri* Vill.
subsp. *pseudocollinus* (P.Fourn.) Jauzein
France, Aveyron, Laguiole, 1200m
FR-0-NCY-19878066W

1108. *Dianthus superbus* L.
subsp. *alpestris* (Uechtr.) Celak
France, Haut-Rhin, Petit Ballon, 1250m
FR-0-NCY-20028026W

1109. *Eremogone dianthoides* (Sm.) Ikonn.
Russie, Karatchaïévo-Tcherkessie, Mussa-Achitara,
2500-2900m
RU-0-NCY-20168054Z

1110. *Eremogone festucoides* (Benth.) Pusalkar &
D.K.Singh
XX-0-NCY-20118463G

1111. *Eremogone pseudacantholimon* (Bornm.)
Holub
XX-0-NCY-20128219G

1112. *Gypsophila tenuifolia* M.Bieb.
XX-0-NCY-19768307G

1113. *Heliosperma alpestre* (Jacq.) Rchb.
Autriche, Steiermark, Schneealpe
AT-0-NCY-19868176W

1114. *Pseudocherleria imbricata* (C.A.Mey.)
Dillenb. & Kadereit
XX-0-NCY-20118340G

1115. *Saponaria caespitosa* DC.
XX-0-NCY-19788032G

1116. *Saponaria lutea* L.
Italie, Alpes Graies, 2200 m
IT-0-NCY-19700453W

1117. *Saponaria pumila* Janch.
Autriche, Carinthie, Hohe Tauern, 2300 m
AT-0-NCY-19848054W

1118. *Scleranthus biflorus* (J.R.Forst. & G.Forst.)
Hook.f.
XX-0-NCY-20028209G

1119. *Scleranthus uniflorus* P.A.Will.
XX-0-NCY-20128477G

1120. *Silene boryi* Boiss.
Espagne, Sierra Nevada, 2700 m
ES-0-NCY-19988124W

1121. *Silene ciliata* Pourr.
XX-0-NCY-20008072G

1122. *Silene davidii* (Franch.) Oxelman & Lidén
XX-0-NCY-20128070G

1123. *Silene flos-jovis* (L.) Greuter & Burdet
France, Savoie, Brassans, 1700 m
FR-0-NCY-19690352W

1124. *Silene waldsteinii* Griseb.
Grèce, Kalo Nero Mts., Nomos Florinis, 1800 m
GR-0-B-2529690

Cistaceae

1125. *Helianthemum apenninum* (L.) Mill.
France, Alpes Maritimes, Vallon du Logis Neuf,
Caussols
FR-0-NCY-20108228Z

Crassulaceae

1126. *Prometheum pilosum* (M.Bieb.) H.Ohba
XX-0-NCY-20128578G

1127. *Rhodiola rosea* L.
XX-0-NCY-19938219G

Ericaceae

1128. *Gaultheria depressa* Hook.f.
Nouvelle-Zélande
NZ-0-NCY-20128538W

1129. *Gaultheria pyrolloides* Hook.f. & Thomson ex
Miq.
XX-0-NCY-19670219G

1130. *Gaultheria trichophylla* Royle
Chine, Tibet, Galung La
CN-0-NCY-20118103W

1131. *Phyllodoce aleutica* (Sprenger) A.Heller
XX-0-NCY-19768172G

1132. *Rhododendron camtschaticum* Pall.
XX-0-NCY-20098251G

1133. *Rhododendron caucasicum* Pall.
Russie, Caucase
RU-0-NCY-19620214W

1134. *Rhododendron ferrugineum* L.
France, Haute-Savoie, 1800m
FR-0-NCY-19788209W

1135. *Rhodothamnus chamaecistus* (L.) Rchb.
XX-0-NCY-20128579G

Fabaceae

1136. *Anthyllis vulneraria* L.
subsp. *alpestris* (Schult.) Asch. & Graeb
Italie, Province de Sondrio, Val Funera, 2300 m
IT-0-NCY-20048043W

1137. *Cytisus emeriflorus* Rchb.
Italie, Lombardie, Alpes Bergamasques, 1500 m
IT-0-NCY-19700446W

1138. *Cytisus hirsutus* L.
Autriche, Burgenland, St Margarethen, 600 m
AT-0-KL-2011/421

1139. *Genista hispanica* L.
subsp. *occidentalis* Rouy
Espagne, Province de Léon, Cordillera Cantabrica,
1500 m
ES-0-B-0017575

1140. *Genista scorpius* L.
France, Pyrénées-Orientales, Val d'Eyne, 1600m
FR-0-NCY-19758221W

1141. *Kartalinia acaulis* (Hoffm.) Brullo, C.Brullo,
Cambria, Acar, Salmeri & Giusso
XX-0-NCY-19630058G

1142. *Laburnum alpinum* (Mill.) Bercht. & J.Presl
France, Jura
FR-0-NCY-19758128W

1143. *Lathyrus ochraceus* Kitt.
France, Hautes-Pyrénées, Barèges, 1500 m
XX-0-NCY-20058100W

1144. *Oxytropis campestris* (L.)DC.
subsp. *campestris*
Suisse, Valais, Vallée du Grand Saint Bernard
CH-0-G-20090646

1145. *Oxytropis halleri* W.D.J. Koch
Italie
IT-0-IB-003368

1146. *Trifolium alpinum* L.
France, Gard, Mont Aigoual, 1400 m
FR-0-NCY-19778235W

1147. *Trifolium rubens* L.
France, Jura, Mont Poupet
FR-0-NCY-20118447W

Gentianaceae

1148. *Gentiana acaulis* L.
France, Pyrénées-Orientales, Lac de Lanoux,
2200m
FR-0-NCY-19758147W

1149. *Gentiana dinarica* Beck.
Italie, Gran Sasso, Celascio, 1850 m
IT-0-NCY-20068164W

1150. *Gentiana alpina* Vill.
France, Pyrénées
FR-0-NCY-19690267W

1151. *Gentiana asclepiadea* L.
Suisse, St. Gallen
CH-0-NCY-19660199W

1152. *Gentiana burseri* Lapeyr.
subsp. *burseri*
France, Pyrénées-Orientales, Lac de Lanoux
FR-0-NCY-19758141W

1153. *Gentiana clusii* Perrier & Songeon
XX-0-NCY-20078051G

1154. *Gentiana crassicaulis* Duthie ex Burkill
Chine, Yunnan, Lijiang, 3700 m
CN-0-NCY-20058081W

1155. *Gentiana cruciata* L.
Autriche, Karawanken, Hochobir, 1650m
AT-0-NCY-19878124W

1156. *Gentiana hexaphylla* Maxim. ex Kuzn.
XX-0-NCY-20118216G

1157. *Gentiana prolata* Balf. f.
XX-0-NCY-20138068G

1158. *Gentiana purpurea* L.
Suisse, Canton de Vaud, Rochers de Naye, 2000 m
CH-0-RAMB-206905

1159. *Gentiana triflora* Pall.
subsp. *japonica* (Kusn.) Vorosch.
XX-0-NCY-19758110G

1160. *Gentiana x marcaillhouana* Rouy
France, Ariège, Port de Pailhères, 1900 m
FR-0-NCY-19721097W

1161. *Gentianella corymbifera* (Kirk) Holub
XX-0-NCY-20128522G

1162. *Swertia perennis* L.
XX-0-NCY-20128226G

Geraniaceae

1163. *Geranium multisectum* N.E.Br.
Lesotho, Bokong
LS-1-M-2007/0970
If descendants of this accession are given to third parties, Munich Botanic Garden (indexsem@snsb.de) has to be informed

1164. *Geranium renardii* Trautv.
XX-0-NCY-19858206G

Gesneriaceae

1165. *Ramonda myconi* (L.) Rchb.
XX-0-NCY-20058007G

Hypericaceae

1166. *Hypericum cerastoides* (Spach) N.Robson
Grèce
GR-0-M-1978/2210

Lamiaceae

1167. *Betonica alopecuros* L.
Autriche, Kärnten, Karnische Alpen, Kötschach-Mauthen, Polinik, 2070 m
AT-0-KL-2012/1204

1168. *Betonica macrantha* (K.Koch)
XX-0-NCY-19768147G

1169. *Betonica nivea* Steven
subsp. *nivea*
XX-0-NCY-20118334G

1170. *Dracocephalum ruyschiana* L.
XX-0-NCY-19958201G

1171. *Horminum pyrenaicum* L.
Italie, Région de Lombardie, Strada Stelvio, 1900 m
IT-0-NCY-19998078W

1172. *Salvia przewalskii* Maxim.
Chine, Yunnan
CN-0-NCY-20058146W

1173. *Scutellaria alpina* L.
Italie, Val d'Aoste, La Thuile, Arpettes, 1800 m
IT-0-NCY-20118156W

1174. *Stachys tymphaea* Hausskn.
Italie, Chieti, Monte Cavallo, Pennapiedimonte,
2100m
IT-0-NCY-20178042W

Montiaceae

1175. *Lewisia nevadensis* (A.Gray) B.L.Rob.
XX-0-NCY-20078103G

Onagraceae

1176. *Epilobium crassum* Hook.f.
XX-0-NCY-20078155G

Paeoniaceae

1177. *Paeonia daurica* Andrews
subsp. *coriifolia* (Rupr.) D.Y.Hong
Géorgie, Ratscha, 1162 m
GE-0-BONN20188

Papaveraceae

1178. *Dicentra peregrina* (Rudolph) Makino
XX-0-NCY-19868272G

1179. *Meconopsis betonicifolia* Franch.
XX-0-NCY-20028311G

1180. *Meconopsis napaulensis* DC.
XX-0-M-G/1390

1181. *Meconopsis paniculata* (D. Don) Prain
Inde, Arunachal Pradesh
IN-0-M-2012/0299

1182. *Papaver alboroseum* Hultén
XX-0-NCY-20098162G

1183. *Papaver cambricum* L.
France, Pyrénées, Col de Pradel
FR-0-NCY-19848005W

1184. *Papaver lateritium* K.Koch
Turquie
TR-0-NCY-19680408W

Phrymaceae

1185. *Erythranthe lewisii* (Pursh) G.L.Nesom &
N.S.Fraga
Etats-Unis, Washington, Chelan county, 1600 m
US-0-NCY-19758061W

Plantaginaceae

1186. *Erinus alpinus* L.
Suisse, Cant de Glaris, Braunwald Chnùgrat, 1750m
CH-0-NCY-20018226W

1187. *Globularia cordifolia* L.
France, Jura
CH-0-NCY-20048034W

1188. *Linaria alpina* (L.) Mill.
Suisse, Braunwald, 2200 m
XX-0-NCY-20048085W

1189. *Penstemon glaber* Pursh
var. *alpinus* (Torr.) A. Gray
Etats-Unis, Colorado, Park Co., 2805m
US-0-NCY-20118351Z

1190. *Penstemon pinifolius* Greene
XX-0-NCY-19768295G

1191. *Plantago atrata* Hoppe
subsp. *fuscescens* (Jord.) Pilg.
France, Hautes-Alpes, L'Echalp, 1800 m
FR-0-NCY-19768018W

1192. *Plantago nivalis* Boiss.
Espagne, Andalousie, Sierra Nevada, 2700 m
ES-0-NCY-19711106W

1193. *Plantago raoulii* Decne.
XX-0-NCY-19830209G

1194. *Veronica bellidioides* L.
Italie, Lombardie, Alpes rhétiques, Valli di Livigno,
2100m
IT-0-NCY-20038099W

1195. *Veronica decora* (Ashwin) Garn.-Jones
XX-0-NCY-20138355G

1196. *Veronica onoei* Franch. & Sav. Japon, Honshu, Nagano Mt Norikura, 1510 m JP-0-NCY-19998205W

1197. *Wulfenia carinthiaca* Jacq. Autriche, Kärnten Nassfeld, 1900 m AT-0-NCY-19701046W

Plumbaginaceae

1198. *Armeria arenaria* (Pers.) F. Diétr. subsp. *marginata* (Levier) Bianchini Italie, Monte Cusna, Villa Minozzo, 1980 m IT-0-NCY-20168156W

1199. *Armeria caespitosa* (Ortega) Boiss. XX-0-NCY-19938028G

1200. *Armeria trojana* Bokhari & Quézel Turquie, Marmara, Balikesir, Kaz-Dag, 1700 m TR-0-NCY-20098128W

Polemoniaceae

1202. *Polemonium pauciflorum* S.Watson Etats-Unis, Arizona, Cochise Pass, 3000 m US-0-NCY-19998163W

Polygonaceae

1203. *Aconogonon alpinum* (All.) Schur XX-0-NCY-19730992G

1204. *Oxyria digyna* (L.) Hill Italie, Val d'Aoste, Colle del Piccolo San Bernardo, 2170 m IT-0-NCY-20008061W

1205. *Rheum alexandrae* Batalin XX-0-NCY-19768031G

1206. *Rheum delavayi* Franch. Chine, Yunnan, Beima Shan, 4800 m CN-0-NCY-20128320W

Primulaceae

1207. *Androsace adfinis* Biroli subsp. *brigantiaca* (Jord. & Fourr.) Kress France, Isère FR-0-NCY-19978033W

1208. *Androsace albana* Steven XX-0-NCY-20098378G

1209. *Androsace hedreantha* Griseb. XX-0-NCY-20058078G

1210. *Androsace mucronifolia* Watt Inde, Cachemire, Nichnai-pass, 4200 m IN-0-M-2006/2355

1211. *Primula beesiana* Forrest XX-0-NCY-20118014G

1212. *Primula cockburniana* Hemsl. XX-0-ROTT-20040069

1213. *Primula japonica* A.Gray XX-0-NCY-19900270G

1214. *Primula jeffreyi* (Van Houtte) A.R.Mast & Reveal Etats-Unis, Washington, Teanaway River, 1250 m US-0-NCY-19948494W

1215. *Primula munroi* Lindl. XX-0-NCY-20128077G

1216. *Primula poissonii* Franch. XX-0-NCY-20128056G

1217. *Primula prolifera* Wall. XX-0-NCY-20148125G

1218. *Primula pulverulenta* Duthie XX-0-NCY-20158077G

1219. *Primula secundiflora* Franch. XX-0-NCY-20128121G

1220. *Primula sikkimensis* Hook. Chine, Yunnan, Zhongdian CN-0-NCY-20058137W

1221. *Primula vialii* Delavay ex Franch. XX-0-NCY-20118122G

Ranunculaceae

1222. *Aconitum japonicum* Thunb. subsp. *japonicum* XX-0-NCY-19998210G

1223. *Anemonastrum tetrasepalum* (Royle) Holub XX-0-NCY-19778111G

1224. *Anemone multifida* Poir. XX-0-NCY-20098209G

1225. *Anemonopsis macrophylla* Siebold & Zucc. XX-0-NCY-19998211G

1226. *Aquilegia ecalcarata* Maxim.
XX-0-NCY-19918148G

1227. *Clematis alpina* (L.) Mill.
Suisse, Grisons, Zernez, 1380 m
CH-0-NCY-19838026W

1228. *Eriocapitella rivularis* (Buch.-Ham. ex DC.)
Christenh. & Byng
Népal
NP-0-NCY-19938248W

1229. *Glaucidium palmatum* Siebold & Zucc.
XX-0-NCY-19938035G

1230. *Pulsatilla alpina* (L.) Delarbre
subsp. *apiifolia* (Scop.) Nyman
France, Hautes-Pyrénées, Gèdre, Brèche de
Roland, 1600m
FR-0-NCY-19750970W

1231. *Pulsatilla scherfelii* (Ullepitsch) V. Skalicky
subsp. *scherfelii*
France, Vosges, Hohneck
FR-0-NCY-19681000W

1232. *Thalictrum rochebrunnianum* Franch. & Sav.
South Korea
KR-0-NCY-20098064Z

Rosaceae

1233. *Acaena caesiiglauca* (Bitter) Bergmans
XX-0-FRP-26035

1234. *Acaena inermis* Hook.f.
XX-0-NCY-20098135G

1235. *Argentina peduncularis* (D. Don) Soják
Népal, Gauri Sankar
NP-0-RAMB-50130

1236. *Crataegus dahurica* Koehne
XX-0-NCY-19730336G

1237. *Dryas octopetala* L.
Suisse, Glarus, Elm, 2000m
CH-0-NCY-20048032W

1238. *Drymocallis rupestris* (L.) Soják
subsp.
France, Pyrénées-Atlantiques, Col de l'Aubisque,
1400 m
FR-0-NCY-19690360W

1239. *Geum coccineum* Sm.
Bulgarie, Province de Sofia, Mont Vitosha, 2000 m
BG-0-NCY-19931141W

1240. *Geum elatum* Wall. ex G. Don
(red flowers form)
Népal
NP-0-NCY-20168049Z

1241. *Geum montanum* L.
Italie, Gran Paradiso, Le Nivolet, Lac du Nivolet,
2500m
IT-0-NCY-19731044W

1242. *Luetkea pectinata* (Pursh) Kuntze
XX-0-NCY-19758265G

1243. *Potentilla alchimilloides* Lapeyr.
Espagne, Province d'Huesca
ES-0-NCY-19870231W

1244. *Potentilla delphinensis* Gren. & Godr.
France, Hautes-Alpes
FR-0-NCY-19728304W

1245. *Potentilla grandiflora* L.
Suisse, Valais, 2370 m
CH-0-G-20121070

1246. *Potentilla heptaphylla* L.
Suisse, Valais, 1830m
CH-0-NCY-19710377W

1247. *Potentilla nitida* L.
XX-0-NCY-19758023G

1248. *Potentilla thurberi* A. Gray
XX-0-NCY-20038205G

1249. *Potentilla valderia* L.
France, Alpes Maritimes, La Madone de Fenestre,
2000 m
FR-0-NCY-19888046W

1250. *Rosa pendulina* L.
France, Ariège, Port de Pailhères
FR-0-NCY-19758174W

1251. *Sieversia pentapetala* (L.) Greene
XX-0-NCY-19768161G

1252. *Sorbus koehneana* C.K. Schneid.
Chine, Sichuan, Muli, Kulu, 3200 m
CN-0-NCY-19868073W

1253. *Sorbus poteriifolia* Hand.-Mazz.
XX-0-NCY-20118107G

1254. *Sorbus sambucifolia* (Cham. & Schltdl.)
M.Roem.

XX-0-NCY-19778176G

Rubiaceae

1255. *Coprosma petriei* Cheeseman

XX-0-NCY-20128519G

Saxifragaceae

1256. *Micranthes nivalis* (L.) Small

Norvège, Sor Trondelag, Oppdal Skardet, 975 m

NO-0-NCY20158045W

1257. *Saxifraga aspera* L.

Suisse, Valais, 2100 m

CH-0-NCY-19948365W

Thymelaeaceae

1258. *Kelleria dieffenbachii* (Hook.) Endl.

Nouvelle-Zélande

NZ-0-NCY-20128515W

Violaceae

1259. *Viola cornuta* L.

XX-0-NCY-19868199G

1260. *Viola lutea* Huds.

subsp. *lutea*

France, Mont Dore

FR-0-NCY-19740452W

SPORAE ET SEMINA E PLANTIS IN CALDARIS CULTIS

Spores ou semences de plantes récoltées dans les serres.

Spores or seeds from plants growing in greenhouses.



**Serre aux plantes carnivores-Jardin Jean-Marie PELT
Photographie : Julien DECOLLOGNE**

PTERIDOPHYTA

Davalliaceae

1261. *Davallia chaerophylloides* (Poir.) Steud.
Cameroun
CM-0-NCY-19843022W

1262. *Davallia fejeensis* Hook.
Guadeloupe
GP-0-NCY-19853210W

1263. *Davallia heterophylla* Sm.
XX-0-NCY-20123244G

1264. *Davallia pentaphylla* Blume
Indonésie
ID-0-NCY-19853481W

Dryopteridaceae

1265. *Bolbitis portoricensis* (Spreng.) Hennisman
Costa Rica
CR-0-NCY-19933261W

1266. *Elaphoglossum crinitum* (L.) Christ
XX-0-NCY-19953219G

1267. *Elaphoglossum herminieri* (Bory & Fée)
T.Moore
Guadeloupe
GP-0-NCY-19893689W

1268. *Elaphoglossum petiolatum* Urb.
var. *dussii* (Underw. ex Maxon) Proctor
Guadeloupe
GP-0-NCY-19813686W

Hypodematiaceae

1269. *Didymochlaena truncatula* (Sw.) J.Sm.
Guyane Française, Saul
GF-0-NCY-20063457W

Nephrolepidaceae

1270. *Nephrolepis biserrata* (Sw.) Schott
var. *biserrata*
Réunion, Saint-Philippe
RE-0-NCY-19953243W

Polypodiaceae

1271. *Aglaomorpha novoguineensis* Brause
Papouasie Nouvelle-Guinée
PG-0-NCY-20023194Z

1272. *Aglaomorpha speciosa* (Blume) M.C.Roos
TH-0-NCY-19833531W

1273. *Campyloneurum aglaolepis* (Alston) Sota
Equateur, Province de Napo
EC-0-NCY-19993133W

1274. *Dictymia brownii* Copel.
XX-0-NCY-19793289G

1275. *Microgramma mauritiana* (Willd.) Tardieu
Cameroun
CM-0-NCY-19843024W

1276. *Microgramma piloselloides* (L.) Copel.
Guadeloupe, Basse-Terre
GP-0-NCY-19893687W

1277. *Microsorium maximum* (Brack.) Copel.
XX-0-NCY-20163438G

1278. *Platyserium lemoinei* Hort.
XX-0-NCY-19783518G

1279. *Selliguea feei* Bory
Indonésie, Sumatra
ID-0-NCY-20153515W

1280. *Selliguea feeoides* Copel.
Indonésie
ID-0-NCY-19853437W

1281. *Selliguea triloba* (Houtt.) M.G.Price
Malaisie, Malaisie Péninsulaire
MY-0-NCY-20133421W

1282. *Serpocaulon catharinae* (Langsd. & Fisch.)
A.R.Sm.
Brésil, Quebrangulo
BR-0-NCY-20143644W

1283. *Serpocaulon loriceum* (L.) A.R.Sm.
Guadeloupe
GP-0-NCY-19813685W

1284. *Serpocaulon vacillans* (Link) A.R.Sm.
Brésil
BR-0-NCY-19943553W

Pteridaceae

1285. *Acrostichum aureum* L.
Guyane Française
GF-0-NCY-20093231W

PHANEROGAMAE

ANGIOSPERMAE

MAGNOLIIDAE

Aristolochiaceae

1297. *Aristolochia fimbriata* Cham.
XX-0-NCY-19813019G

1298. *Aristolochia fimbriata* Cham.
XX-0-NCY-19793460G

1299. *Aristolochia littoralis* Parodi
XX-0-NCY-19743133G

Costaceae

1286. *Costus afer* Ker. Gawl.
Afrique du Sud
XX-0-NCY-19793311G

Piperaceae

1287. *Piper nigrum* L.
XX-0-NCY-20003070G

MONOCOTYLODENAE

Amaryllidaceae

1288. *Amaryllis belladonna* L.
XX-0-NCY-19883521G

1289. *Hippeastrum stylosum* Herb.
Brésil
BR-0-NCY-19983130W

1290. *Sprekelia formosissima* (L.) Herb.
XX-0-NCY-19563028G

1291. *Zephyranthes tubispatha* (L'Hér.) Herb.
XX-0-NCY-19883523G

Arecaceae

1292. *Adonidia merrillii* (Becc.) Becc.
XX-0-NCY-19843383G

1293. *Dypsis decaryi* (Jum.) Beentje & J.Dransf.
XX-0-NCY-19893711G

1294. *Hyophorbe indica* Gaertn.
Réunion
RE-0-NCY-19863299W

1295. *Hyophorbe lagenicaulis* (L.H.Bailey)
H.E.Moore
XX-0-NCY-19843236G

1296. *Serenoa repens* (W.Bartram) Small
XX-0-NCY-20093176G

Asparagaceae

1300. *Albuca bracteata* (Thunb.) J.C.Manning &
Goldblatt
Afrique du Sud
ZA-0-NCY-20033238Z

1301. *Chlorophytum holstii* Engl.
XX-0-NCY-19673095G

1302. *Dracaena umbraculifera* Jacq.
XX-0-G-19700691

1303. *Eustrephus latifolius* R.Br.
XX-0-NCY-20053014G

1304. *Massonia pustulata* Jacq.
XX-0-ER-2007-433

1305. *Veltheimia bracteata* Baker
XX-0-NCY-19603374G

Asphodelaceae

1306. *Aloe niebuhriana* Lavranos
Yémen
YE-0-NCY-19803179W

1307. *Dianella caerulea* Sims
XX-0-NCY-19603389G

Bromeliaceae

1308. *Acanthostachys strobilacea* (Schult. &
Schult.f.) Klotzsch
XX-0-NCY-19603293G

1309. *Aechmea aquilega* (Salisb.) Griseb.
var. *aquilega*
Guyane Française
GF-0-NCY-19823459W

1310. *Aechmea bracteata* (Sw.) Griseb.
XX-0-NCY-19713172G

1311. *Aechmea candida* E.Morren ex Baker
XX-0-NCY-20023108G

1312. *Aechmea filicaulis* (Griseb.) Mez
XX-0-NCY-20033175G

1313. *Aechmea longifolia* (Rudge) L.B.Sm. &
M.A.Spencer
Guyane Française
GF-0-NCY-19823466W

1314. *Aechmea lueddemanniana* (K.Koch) Mez
XX-0-NCY-19753457G

1315. *Aechmea nudicaulis* (L.) Griseb.
XX-0-NCY-19763196G

1316. *Aechmea recurvata* (Klotzsch) L.B.Sm.
var. *recurvata*
XX-0-NCY-19543150G

1317. *Billbergia kuhlmannii* L.B.Sm.
XX-0-NCY-19983229G

1318. *Bromelia karatas* L.
XX-0-NCY-19873373G

1319. *Bromelia nidus-puellae* (André) André ex
Mez
XX-0-NCY-19563258G

1320. *Dyckia floribunda* Griseb.
XX-0-NCY-19793051G

1321. *Dyckia velascana* Mez
XX-0-NCY-19883399G

1322. *Fosterella penduliflora* (C.H.Wright) L.B.Sm.
XX-0-NCY-19993286G

1323. *Fosterella villosula* (Harms) L.B.Sm.
XX-0-NCY-19923196G

1324. *Guzmania wittmackii* (André) André ex Mez
Guyane Française
XX-0-NCY-19813442G

1325. *Pitcairnia bifrons* (Lindl.) Read
Guadeloupe, Basse-Terre
GP-0-NCY-19893627W

1326. *Pitcairnia integrifolia* Ker Gawl.
XX-0-NCY-19753236G

1327. *Pitcairnia paraguayensis* L.B.Sm.
XX-0-NCY-20033171G

Colchicaceae

1328. *Sandersonia aurantiaca* Hook.
XX-0-NCY-20183070G

Commelinaceae

1329. *Aneilema acuminatum* R.Br.
XX-0-NCY-19703279G

1330. *Aneilema aequinoctiale* (P.Beauv.) Loudon
XX-0-NCY-19733117G

1331. *Aneilema zebrinum* Chiov. ex Chiarugi
XX-0-NCY-19723212G

1332. *Callisia monandra* (Sw.) Schult. & Schult.f.
Martinique
MQ-0-NCY-20003348W

1333. *Callisia repens* (Jacq.) L.
Brésil Bahia
BR-0-NCY-19943568W

1334. *Coleotrype goudotii* C.B.Clarke
XX-0-NCY-20003344G

1335. *Commelina erecta* L.
subsp. *erecta*
Costa Rica, Province de Puntarenas
CR-0-NCY-19933257W

1336. *Commelina erecta* L.
subsp. *erecta*
Brésil
BR-0-NCY-19943571W

1337. *Cyanotis beddomei* (Hook.f.) Erhardt
XX-0-NCY-19693004G

1338. *Cyanotis somaliensis* C.B.Clarke
XX-0-NCY-19793322G

1339. *Floscopa scandens* Lour.
XX-0-NCY-19793404G

1340. *Gibasis geniculata* (Jacq.) Rohweder
Brésil Bahia
BR-0-NCY-19943567W

1341. *Palisota schweinfurthii* C.B. Clarke
XX-0-NCY-19733061G

1342. *Tradescantia cerinthoides* Kunth
XX-0-NCY-19523007G

1343. *Tradescantia fluminensis* Vell.
Brésil
BR-0-NCY-19943569W

1344. *Tradescantia fluminensis* Vell.
Brésil
BR-0-NCY-19943566W

1345. *Tradescantia spathacea* Sw.
Guadeloupe, Marie-Galante
GP-0-NCY-19823255W

Dioscoreaceae

1346. *Dioscorea bemarivensis* Jum. & H.Perrier
Mayotte
YT-0-NCY-20173708W

Iridaceae

1347. *Ennealophus euryandrus* (Griseb.) Ravenna
subsp. *euryandrus*
BO-0-M-2000/1134

Marantaceae

1348. *Marantochloa leucantha* (K.Schum.) Milne-
Redh.
var. *leucantha*
XX-0-NCY-19763075G

Musaceae

1349. *Musa mannii* H.Wendl. ex Baker
XX-0-NCY-19603461G

Poaceae

1350. *Chrysopogon zizanioides* (L.) Roberty
XX-0-NCY-20013082G

1351. *Oplismenus compositus* (L.) P.Beauv.
Thaïlande
TH-0-NCY-19833095W

1352. *Oryza sativa* L.
'Nam Dawk Mai'
Thaïlande
TH-0-NCY-20173204Z

Xyridaceae

1353. *Xyris difformis* Chapm.
var. *difformis*
Etats-Unis, Michigan
US-0-NCY-20143203W

EUDICOTYLEDONEAE

Acanthaceae

1354. *Crossandra puberula* Klotzsch
XX-0-NCY-19753172G

Aizoaceae

1355. *Aptenia cordifolia* (L.f.) Schwantes
XX-0-NCY-19883198G

1356. *Carruanthus peersii* L.Bolus
XX-0-NCY-19753096G

1357. *Delosperma abyssinicum* (Regel) Schwantes
XX-0-NCY-19913041G

1358. *Delosperma bosserianum* Marais
XX-0-STUTZ-002532

1359. *Delosperma bosserianum* Marais
XX-0-NCY-19913042G

1360. *Delosperma herbeum* (N.E.Br.) N.E.Br.
XX-0-NCY-19793036G

1361. *Delosperma nakurense* (Engl.) A.G.J.Herre
Ethiopie
XX-0-NCY-19823082G

1362. *Dicrocaulon spissum* N.E.Br.
XX-0-M-1999/0049

Apiaceae

1363. *Eryngium foetidum* L.
Costa Rica
CR-0-NCY-20163373W

Apocynaceae

1364. *Araujia sericifera* Brot.
XX-0-NCY-20153131G

1365. *Catharanthus roseus* (L.) G.Don.
var. *roseus*
Espagne, Canaries
ES-0-NCY-19993124Z

1366. *Hoya micrantha* Hook f.
XX-0-NCY-19773406G

1367. *Hoya pubicalyx* Merr.
XX-0-NCY-19773408G

1368. *Ochrosia borbonica* J.F.Gmel.
Réunion
RE-0-NCY-19873626W

1369. *Pachypodium lamerei* Drake
XX-0-NCY-19773638G

1370. *Pachypodium lamerei* Drake
XX-0-NCY-19973334G

1371. *Pachypodium lamerei* Drake
MG-0-NCY-19793825

1372. *Pachypodium rosulatum* Baker
subsp. *gracilius* (H.Perrier) Lüthy
XX-0-NCY-19993020G

Araliaceae

1373. *Schefflera schizophylla* (Hance) Frodin
Thaïlande
TH-0-NCY-19833232W

Asteraceae

1374. *Ageratina adenophora* (Spreng.) R.M.King &
H.Rob.
Thaïlande
TH-0-NCY-19833072W

1375. *Centipeda minima* (L.) A.Braun & Asch.
XX-0-NCY-19983180G

1376. *Helichrysum arnicoides* Cordem.
Réunion
RE-0-NCY-20153154W

1377. *Kleinia anteuphorbium* (L.) Haw.
XX-0-NCY-19603175G

1378. *Senecio cuneatus* Hook. f.
XX-0-NCY-19773292G

1379. *Senecio jacobsenii* Rowl.
XX-0-NCY-19713077G

Balsaminaceae

1380. *Impatiens arguta* Hook.f. & Thomson.
Chine, Xizang
CN-0-NCY-20093197W

1381. *Impatiens auricoma* Baill.
Mayotte
YT-0-NCY-20173780W

Byblidaceae

1382. *Byblis liniflora* Salisb.
XX-0-NCY-20163384G

Cactaceae

1383. *Cereus fricii* Backeb.
XX-0-NCY-19693134G

1384. *Cleistocactus smaragdiflorus* Britton & Rose
XX-0-NCY-19573104G

1385. *Gymnocalycium glaucum* F.Ritter
subsp. *ferrarii* (Rausch) G.J.Charles
XX-0-NCY-20103080G

1386. *Mammillaria hahniana* Werderm.
N *mendeliana* (Bravo) Werderm.
XX-0-NCY-19903063G

1387. *Mammillaria magnimamma* Haw.
XX-0-NCY-19603035G

1388. *Mammillaria prolifera* (Mill.) Haw.
subsp. *texana* (Engelm.) D.R.Hunt
XX-0-NCY-19603276G

1389. *Parodia erinacea* (Haw.) N.P.Taylor
XX-0-NCY-19883301G

1390. *Parodia magnifica* (F.Ritter) F.H.Brandt
XX-0-NCY-19803325G

1391. *Parodia microsperma* (F.A.C.Weber) Speg.
subsp. *microsperma*
XX-0-NCY-19963186G

1392. *Pfeiffera ianthothele* F.A.C.Weber
XX-0-NCY-19863200G

1393. *Pfeiffera monacantha* (Griseb.) P.V.Heath
subsp. *monacantha*
XX-0-NCY-19883541G

1394. *Pseudorhipsalis ramulosa* (Salm-Dyck)
Barthlott
XX-0-NCY-19783365G

1395. *Pseudorhipsalis ramulosa* (Salm-Dyck)
Barthlott
subsp. *ramulosa*
XX-0-NCY-19753309G

1396. *Rebutia neocumingii* (Backeb.) D.R.Hunt
subsp. *lanata* (F.Ritter) D.R.Hunt
XX-0-NCY-19803330G

1397. *Rhipsalis baccifera* (Sol.) Stearn
subsp. *hileiabaina* N.P.Taylor & Barthlott
Brésil, Esperito Santo
BR-0-NCY-19943669W

1398. *Rhipsalis baccifera* (Sol.) Stearn
subsp. *baccifera*
République Dominicaine
DO-0-NCY-19893741W

1399. *Rhipsalis baccifera* (Sol.) Stearn
subsp. *mauritiana* (DC.) Barthlott
Réunion
RE-0-NCY-19843324W

1400. *Rhipsalis baccifera* (Sol.) Stearn
subsp. *baccifera*
Guyane Française
GF-0-NCY-19813377W

1401. *Rhipsalis baccifera* (Sol.) Stearn
subsp. *baccifera*
Cuba, Province de Sancti Spiritus
CU-0-NCY-19923339W

1402. *Rhipsalis floccosa* Salm-Dyck ex Pfeiff.
subsp. *pittieri* (Britton & Rose) Barthlott
XX-0-NCY-20003084G

1403. *Rhipsalis lindbergiana* K.Schum.
Brésil
BR-0-NCY-19953154W

1404. *Rhipsalis micrantha* hort. ex F.A.C.Weber
f. *rauhiorum* Barthlott
Equateur
EC-0-NCY-19883332W

1405. *Rhipsalis pacheco-leonis* Loefgr.
subsp. *catenula* (Kimmnach) Barthlott & N.
Brésil
BR-0-NCY-19943668W

1406. *Rhipsalis pachyptera* Pfeiff.
XX-0-NCY-19783157G

1407. *Rhipsalis pilocarpa* Loefgr.
XX-0-NCY-19783671G

Campanulaceae

1408. *Musschia aurea* (L.f.) Dumort.
XX-0-NCY-19783372G

Caricaceae

1409. *Carica papaya* L.
XX-0-NCY-20153394G

Combretaceae

1410. *Combretum indicum* (L.) DeFilipps
XX-0-NCY-19783816G

Convolvulaceae

1411. *Argyrea nervosa* (Burm.f.) Bojer
XX-0-NCY-20133367G

1412. *Merremia dissecta* (Jacq.) Hallier f.
Inde
IN-0-NCY-19953199Z

Crassulaceae

1413. *Aeonium haworthii* Webb & Berthel.
Espagne, Canaries, Ile de Tenerife
ES-0-NCY-19773111W

1414. *Aeonium lancerottense* (Praeger) Praeger
Espagne, Canaries
ES-0-NCY-19853496W

1415. *Aeonium valverdense* (Praeger) Praeger
XX-0-NCY-20013060G

1416. *Aichryson tortuosum* Webb & Berthel.
Espagne, Canaries
ES-0-NCY-19853497W

1417. *Cotyledon tomentosa* Harv.
subsp. *tomentosa*
Afrique du Sud, Province du Cap Occidental
ZA-0-NCY-19953368W

1418. *Cotyledon tomentosa* Harv.
subsp. *tomentosa*
Afrique du Sud, Province du Cap Nord
ZA-0-NCY-19913290W

1419. *Crassula perfoliata* L.
var. *perfoliata*
XX-0-NCY-19603124G

1420. *Crassula perforata* Thunb.
subsp. *kougaensis* van Jaarsv. & A.E. van
XX-0-NCY-19743156G

1421. *Crassula volkensis* Engl.
subsp. *coleae* (Baker) Wikens & M.Bywater
XX-0-NCY-20003233G

1422. *Echeveria derenbergii* J.A.Purpus
Mexique
MX-0-NCY-19853080W

1423. *Echeveria derenbergii* J.A.Purpus
XX-0-NCY-19603138G

1424. *Echeveria elegans* Rose
XX-0-NCY-19543062G

1425. *Echeveria pilosa* J.A.Purpus
Mexique, Puebla
MX-0-NCY-19913077W

1426. *Kalanchoe arborescens* Humbert
Madagascar, Province de Tamatave
MG-0-NCY-19933329W

1427. *Kalanchoe aromatica* H.Perrier
var. *aromatica*
Madagascar
MG-0-M-1999/2359

1428. *Kalanchoe blossfeldiana* Poelln.
Madagascar
MG-0-NCY-19913365Z

1429. *Kalanchoe citrina* Schweinf.
XX-0-NCY-19913373Z

1430. *Kalanchoe crenata* (Andrews) Haw.
XX-0-NCY-19913352Z

1431. *Kalanchoe daigremontiana* Raym.-Hamet &
H.Perrier
XX-0-NCY-19603143G

1432. *Kalanchoe delagoensis* Eckl. & Zeyh.
Madagascar, Province de Tuléar
MG-0-NCY-19933326W

1433. *Kalanchoe fedtschenkoi* Raym.-Hamet &
H.Perrier
Madagascar
MG-0-NCY-19913384Z

1434. *Kalanchoe laciniata* (L.) DC.
XX-0-NCY-19753416G

1435. *Kalanchoe lobata* R.Fern. 1978
XX-0-NCY-19853167G

1436. *Kalanchoe marmorata* Baker
XX-0-NCY-19913372Z

1437. *Kalanchoe nyikae* Engl.
subsp. *nyikae*
XX-0-M-N/3140

1438. *Kalanchoe rosei* Raym.-Hamet & H. Perrier
subsp. *rosei*
Madagascar
MG-0-NCY-19913364Z

1439. *Kalanchoe sexangularis* N.E.Br.
XX-0-NCY-19763235G

1440. *Monanthes polyphylla* Haw.
subsp. *polyphylla*
XX-0-NCY-19893465G

1441. *Tacitus bellus* Moran & J.Meyrán
XX-0-NCY-19913307G

1442. *Tylecodon paniculatus* (L.f.) Toelken
XX-0-NCY-19893515G

Droseraceae

1443. *Drosera admirabilis* Debbert
Afrique du Sud
ZA-0-NCY-20153404Z

1444. *Drosera admirabilis* Debbert
XX-0-STUTTZ-000873

1445. *Drosera admirabilis* Debbert
Afrique du Sud
ZA-0-NCY-20153403Z

1446. *Drosera aliciae* Raym.-Hamet
Afrique du Sud, Province du Cap
ZA-0-NCY-20133459Z
1447. *Drosera aliciae* Raym.-Hamet
(=D. *curviscapa*) T.M.Salter
Afrique du Sud
ZA-0-NCY-20173017Z
1448. *Drosera aliciae* Raym.-Hamet
Afrique du Sud
ZA-0-NCY-19803227W
1449. *Drosera anglica* Huds.
Etats-Unis, Hawaï
US-0-NCY-20143094Z
1450. *Drosera auriculata* Backh. ex Planch.
Nouvelle Zélande
NZ-0-NCY-20163105
1451. *Drosera biflora* Willd. ex Roem. & Schult.
XX-0-BR-2012119803
1452. *Drosera biflora* Willd. ex Roem. & Schult.
XX-0-STUTZ-007197
1453. *Drosera binata* Labill.
Australie, Victoria
AU-0-NCY-20143151Z
1454. *Drosera binata* Labill.
Nouvelle Zélande
NZ-0-NCY-20133003Z
1455. *Drosera burmannii* Vahl
ID-0-NCY-20163149Z
1456. *Drosera burmannii* Vahl
Australie
AU-0-NCY-20133321Z
1457. *Drosera californica* Cheek
var. *californica*
XX-0-NCY-20133322G
1458. *Drosera capensis* L.
Afrique du Sud
ZA-0-NCY-20133462Z
1459. *Drosera capensis* L.
f. *chromotype* sans anthocyanes
Afrique, Western Cap
ZA-0-NCY-20153276Z
1460. *Drosera capensis* L.
Afrique du Sud
ZA-0-NCY-20153409Z
1461. *Drosera capensis* L.
f. *chromotype* sans anthocyanes
Afrique du Sud
ZA-0-NCY-20153407Z
1462. *Drosera capensis* L.
Afrique du Sud
ZA-0-NCY-20153411Z
1463. *Drosera capensis* L.
Afrique du Sud
ZA-0-NCY-20153412Z
1464. *Drosera capensis* L.
ZA-0-NCY-20123302Z
1465. *Drosera capillaris* Poir.
N *brasiliensis* Diels
XX-0-NCY-20123224G
1466. *Drosera esmeraldae* (Steyerm.) Maguire &
Wurdack
XX-0-BR-2012119904
1467. *Drosera esterhuyseniae* (Salter) Debbert
XX-0-NCY-20153381G
1468. *Drosera filiformis* Raf.
var. *filiformis*
Etats-Unis, New Jersey
US-0-NCY-20133388Z
1469. *Drosera intermedia* Hayne
Vénézuéla
VE-0-NCY-20143099Z
1470. *Drosera intermedia* Hayne
France, Vosges
FR-0-NCY-20133198W
1471. *Drosera intermedia* Hayne
f. *chromotype* sans anthocyanes
Etats Unis
US-0-NCY-20153416Z
1472. *Drosera intermedia* Hayne
Etats Unis
US-0-NCY-20133008Z
1473. *Drosera latifolia* (Eichler) Gonella &
Rivadavia
Brésil
BR-0-NCY-20133400Z

1474. *Drosera leioblastus* N.G.Marchant & Lowrie
XX-0-NCY-20123440G
1475. *Drosera natalensis* Diels
Zimbabwe
ZW-0-NCY-20183009Z
1476. *Drosera natalensis* Diels
Afrique du Sud
ZA-0-NCY-20153420G
1477. *Drosera natalensis* Diels
Eric *Green'*
XX-0-NCY-20153419G
1478. *Drosera natalensis* Diels
XX-0-NCY-20173356Z
1479. *Drosera natalensis* Diels
Afrique du Sud
ZA-0-NCY-20153421Z
1480. *Drosera nidiformis* Debbert
Afrique du Sud
ZA-0-NCY-20153422Z
1481. *Drosera omissa* Diels
f. *flours* blanches
XX-0-NCY-20123192G
1482. *Drosera rotundifolia* L.
Cameroun
CA-0-NCY-20143218W
1483. *Drosera rotundifolia* L.
France, Vosges
FR-0-NCY-20133192W
1484. *Drosera rotundifolia* L.
France, Vosges
FR-0-NCY-20133195W
1485. *Drosera rotundifolia* L.
f. *furcata* Y.Z.Ruan
France, Vosges
FR-0-NCY-20163408W
1486. *Drosera rotundifolia* L.
f. *chromotype* sans anthocyanes
Japon
JP-0-NCY-20193445Z
1487. *Drosera rotundifolia* L.
France, Vosges
FR-0-NCY-20163409W
1488. *Drosera rotundifolia* L.
Estonie, Põlvamaa, Räpina Community
EE-0-NCY-20153080W
1489. *Drosera rotundifolia* L.
Pays Bas
NL-0-NCY-20163103W
1490. *Drosera rotundifolia* L.
Italie
IT-0-NCY-20143165Z
1491. *Drosera rotundifolia* L.
France, Vosges
FR-0-NCY-20173486W
1492. *Drosera rotundifolia* L.
DE-0-BONN-16284
1493. *Drosera rotundifolia* L.
France, Vosges
FR-0-NCY-20133197W
1494. *Drosera rotundifolia* L.
f. *corsica* Maire
France
FR-0-NCY-20153426Z
1495. *Drosera rotundifolia* L.
f. *corsica* Maire
France
FR-0-NCY-20163407W
1496. *Drosera spatulata* Labill.
var. *spatulata*
Nouvelle Zélande
NZ-0-NCY-20163092Z
1497. *Drosera spatulata* Labill.
var. *spatulata*
Asutralie
AU-0-NCY-20133015Z
1498. *Drosera tokaiensis* (Komiya & Shibata)
T.Nakam. & K. Ueda
subsp. *tokaiensis*
XX-0-NCY-20133326G
1499. *Drosera venusta* Debbert
XX-0-NCY-19943127G
- Drosophyllaceae**
1500. *Drosophyllum lusitanicum* (L.) Link
XX-0-NCY-20133182G

1501. *Drosophyllum lusitanicum* (L.) Link
Espagne
ES-0-NCY-20153321W

Ericaceae

1502. *Satyria cerender* (Dunal) A.C.Sm.
Guyane Française
GF-0-NCY-19943197W

1503. *Sphyraspermum buxifolium* Poepp. & Endl.
XX-0-NCY-19793798G

Erythroxylaceae

1504. *Erythroxylum novogranatense* (D.Morris)
Hieron.
var. *novogranatense*
XX-0-NCY-19943412G

Fabaceae

1505. *Abrus precatorius* L.
Madagascar
MG-0-NCY-19933355W

1506. *Acacia sphaerocephala* Cham. & Schltr.
XX-0-NCY-19963114G

1507. *Cajanus cajan* (L.) Millsp.
Mayotte,
YT-0-NCY-20173735W

1508. *Centrosema pubescens* Benth.
Mayotte
YT-0-NCY-20173737W

1509. *Clitoria ternatea* L.
XX-0-DR-016166

1510. *Clitoria ternatea* L.
Vanuatu
VU-0-GZU-02150344

1511. *Codariocalyx motorius* (Houtt.) H.Ohashi
Laos
LA-0-NCY-20123060W

1512. *Desmodium incanum* (G.Mey.) DC.
Mayotte
YT-0-NCY-20173738Z

1513. *Indigofera tinctoria* L.
Mayotte
YT-0-NCY-20173743W

1514. *Mimosa pudica* L.
Equateur
EC-0-BONN-19256

1515. *Mimosa sensitiva* L.
XX-0-NCY-20143432G

Geraniaceae

1516. *Pelargonium carnosum* (L.) L'Hér.
Afrique du Sud
ZA-0-NCY-19983386Z

1517. *Pelargonium carnosum* (L.) L'Hér.
XX-0-NCY-20033018G

1518. *Pelargonium inquinans* (L.) L'Hér.
XX-0-NCY-20003132G

1519. *Pelargonium klinghardtense* R.Knuth
Afrique du Sud
ZA-0-NCY-19983394W

1520. *Pelargonium mollicomum* Fourc.
Afrique du Sud
ZA-0-NCY-20023121W

1521. *Pelargonium vitifolium* (L.) L'Hér.
XX-0-NCY-19973147G

Gesneriaceae

1522. *Deinostigma tamiana* (B.L.Burtt)
D.J.Middleton & H.J.Atkins
XX-0-ULM-2003-G-73

1523. *Rhytidophyllum tomentosum* (L.) Mart.
XX-0-NCY-19743149G

1524. *Streptocarpus pallidiflorus* C.B.Clarke
XX-ULM-2006-G-126

1525. *Streptocarpus rexii* (Bowie ex Hook.) Lindl.
XX-0-NCY-19733110G

Hypoxidaceae

1526. *Hypoxis decumbens* L.
Brésil, Sao Polo
BR-0-BR-19750510

Lamiaceae

1527. *Ocimum gratissimum* L.
var. *macrophyllum* Briq.
Madagascar
MG-0-LYJB-150359

1528. *Plectranthus caninus* Roth.
subsp. *caninus*
XX-0-NCY-19563031G

Lentibulariaceae

1529. *Pinguicula lusitanica* L.
France
FR-0-NCY-20153432Z

1530. *Pinguicula vulgaris* L.
France
FR-0-NCY-20173487

1531. *Utricularia laxa* A. St.-Hil. & Girard
Brésil, Rio Grande
BR-0-NCY-20143110Z

1532. *Utricularia monanthos* Hook.f.
XX-0-NCY-20173393G

Malpighiaceae

1533. *Heteropterys chrysophylla* (Lam.) Kunth
XX-0-NCY-19793114G

Malvaceae

1534. *Hibiscus sabdariffa* L.
XX-0-NCY-20183141G

1535. *Sida rhombifolia* L.
Mayotte
YT-0-NCY-20173748Z

Melastomataceae

1536. *Arthrostemma parvifolium* Cogn.
XX-0-JSUS-20140207

1537. *Bertolonia angustipetala* Bacci & R.Goldenb.
Brésil
BR-0-LYJB-140339

1538. *Bertolonia marmorata* Naudin
var. *marmorata*
Brésil, Bahia
BR-0-NCY-19943657W

1539. *Bertolonia marmorata* Naudin
var. *marmorata*
Brésil, Bahia
BR-0-NCY-19943655W

1540. *Bertolonia ovata* DC.
XX-0-NCY-20173321G

1541. *Bertolonia sanguinea* Saldanha
XX-0-NCY-19603272G

1542. *Calvoa orientalis* Taub.
XX-0-NCY-19753257G

1543. *Medinilla basaltarum* Jum. & H.Perrier
XX-0-NCY-19983223G

1544. *Medinilla succulenta* Blume
Malaisie
MY-0-NCY-20113032Z

1545. *Monolena primuliflora* Hook.f.
XX-0-NCY-19783060G

1546. *Phyllagathis prostrata* C. Hansen
Thaïlande
TH-0-NCY-19833115W

1547. *Triolena pustulata* Triana
XX-0-LYJB-150319

Montiaceae

1548. *Phemeranthus confertiflorus* (Greene)
Hershk.
Mexique
MX-0-NCY-20153103Z

Myrtaceae

1549. *Syzygium jambos* (L.) Alston
XX-0-NCY-19743189G

Oxalidaceae

1550. *Biophytum sensitivum* (L.) DC.
XX-0-NCY-19753255G

Passifloraceae

1551. *Passiflora rubra* L.
Equateur
EC-0-DR-010492

1552. *Passiflora suberosa* L.
Guadeloupe
GP-0-NCY-19813715W

Petiveriaceae

1553. *Rivina humilis* L.
XX-0-NCY-19603471G

Plantaginaceae

1554. *Maurandya barclaiana* Lindl.
Pérou
PE-0-NCY-19843107W

1555. *Plantago leiopetala* Lowe
Portugal, Madeira
PT-0-NCY-19813324W

1556. *Tetranema roseum* (M.Martens & Galeotti) Standl. & Steyerl.
XX-0-NCY-19693002G

Plumbaginaceae

1557. *Plumbago auriculata* Lam.
XX-0-NCY-19963242G

1558. *Plumbago zeylanica* L.
XX-0-NCY-19603473G

Portulacaceae

1559. *Portulaca fluvialis* D.Légrand
Uruguay
UY-0-ULM-2008-G-82

Primulaceae

1560. *Ardisia crenata* Sims
XX-0-NCY-19773608G

1561. *Lysimachia minoricensis* J.J.Rodr.
XX-0-NCY-19903015G

Rosaceae

1562. *Drymocallis rupestris* (L.) Soják
France
FR-0-NCY-20163138W

Rubiaceae

1563. *Coffea arabica* L.
XX-0-NCY-20023196G

1564. *Notopleura parasitica* (Sw.) Hammel
Guadeloupe
GP-0-NCY-19893680W

1565. *Psychotria carthagenensis* Jacq.
XX-0-NCY-19993176G

1566. *Psychotria punctata* Vatke
var. *punctata*
XX-0-NCY-19583294G

1567. *Spermacoce verticillata* L.
Cap Vert, Ile de Santiago
CV-0-NCY-19833044W

Sapotaceae

1568. *Synsepalum dulcificum* (Schumacher & Thonn.) Daniell
Togo
TG-0-NCY-19713195W

Scrophulariaceae

1569. *Bontia daphnoides* L.
XX-0-NCY-19813800G

Solanaceae

1570. *Capsicum chinense* Jacq.
XX-0-NCY-20173447G

1571. *Capsicum frutescens* L.
XX-0-NCY-19873031G

1572. *Withania riebeckii* Schweinf. ex Balf.f.
Yémen
YE-0-NCY-19783421Z

1573. *Withania somnifera* (L.) Dunal
XX-0-NCY-20173284G

Verbenaceae

1574. *Duranta erecta* L.
Brésil, Bahia
BR-0-NCY-19943650W

1575. *Lippia dulcis* Trevir.
XX-0-NCY-20133162G

1576. *Stachytarpheta urticifolia* Sims
Mayotte
YT-0-NCY-20173714W

Vitaceae

1577. *Cyphostemma adenopodum* (Sprague) Desc.
XX-0-NCY-19773557G

1578. *Cyphostemma laza* Desc.
XX-0-NCY-19993043G

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