



JARDINS BOTANQUES
du GRAND NANCY et de
l'UNIVERSITÉ DE LORRAINE



INDEX SEMINUM

SEED LIST

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GrandNancy



UNIVERSITÉ
DE LORRAINE



JARDINS
BOTANQUES
de France et des pays
francophones

Photo : La forêt de bambous
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HORTUS BOTANICUS NANCEIANUS INDEX SPORARUM ET SEMINUM ANNO 2022

Catalogue des spores et semences 2022 List of spores and seeds 2022

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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**Métropole du Grand Nancy –
Université de Lorraine**

Table des matières / Contents

Sporae et semina e plantis lotharingiae circumjacentrum partuim in loco natali lecta
Spores ou semences de plantes récoltées dans la nature, Nord-Est de la France
Spores or seeds from plants growing in the wild, North-East of France

Plantes messicoles de Lorraine / Arable plants from Lorraine

<i>MONOCOTYLEDONEAE</i> _____	10
<i>EUDICOTYLEDONEAE</i> _____	11

Massif des Vosges / Vosges Mountains

<i>PTERIDOPHYTA</i> _____	21
<i>GYMNOSPERMAE</i> _____	23
<i>MONOCOTYLEDONEAE</i> _____	23
<i>EUDICOTYLEDONEAE</i> _____	29

Rosa du Nord-Est de la France

Rosa from the North East of France

46

Semina plantarum in aperto cultarum

Semences de plantes de pleine-terre récoltées dans le Jardin Botanique Jean-Marie Pelt
Seeds from plants growing in the open in the Jean-Marie-Pelt Botanical Garden

<i>GYMNOSPERMAE</i> _____	52
<i>MAGNOLIIDAE</i> _____	52
<i>MONOCOTYLEDONEAE</i> _____	52
<i>EUDICOTYLEDONEAE</i> _____	53

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

<i>PTERIDOPHYTA</i> _____	64
<i>GYMNOSPERMAE</i> _____	64
<i>MONOCOTYLEDONEAE</i> _____	64
<i>EUDICOTYLEDONEAE</i> _____	65

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

<i>PTERIDOPHYTA</i> _____	75
<i>MAGNOLIIDAE</i> _____	76
<i>MONOCOTYLEDONEAE</i> _____	76
<i>EUDICOTYLEDONEAE</i> _____	80

Bibliographie / Bibliography _____ 90

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 31 décembre 2022: 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
- Rosa du Nord-Est de la France

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

The themes are:

- Arable plants from Lorraine
- Vosges Mountains
- Rosa from the North East of France



Carte de la région Grand-Est

Messicoles de Lorraine Arable plants from Lorraine



Ci-dessus : Jaillon (54) – Récolte de messicoles au 12 juillet 2022
Photographie : Sébastien ANTOINE / JBN

PHANEROGAMAE

ANGIOSPERMAE

MONOCOTYLEDONEAE

Amaryllidaceae

1. *Allium oleraceum* L.
54, Viterne, Voivraillé
N48°34'42.46" E006°02'18.41", 270m
FR-0-NCY-20205014W
2. *Allium vineale* L.
54, Seichamps, Côte du Chanois
N48°43'12.90" E006°15'38.38", 234m
FR-0-NCY-20215011W
3. *Allium vineale* L.
54, Villey-St-Etienne, la Côte de l'Echalotte
N48°44'36.1" E005°57'31.4", 226m
FR-0-NCY-20225033W

Asparagaceae

4. *Asparagus officinalis* L.
54, Messein, Les Grandes Saussaies
N48°36'19.38" E006°07'35.36", 224m
FR-0-NCY-20205170W

Poaceae

5. *Alopecurus myosuroides* Huds.
subsp. *myosuroides*
54, Avrainville
N48°46'22.2" E005°55'47.56", 226m
FR-0-NCY-20215142W
6. *Alopecurus myosuroides* Huds.
subsp. *myosuroides*
54, Ochey, l'Amplain
N48°34'20.7" E005°55'59.8", 319m
FR-0-NCY-20165012W
7. *Alopecurus myosuroides* Huds.
subsp. *myosuroides*
55, Réville-aux-Bois, les Longues Violes
N49°20'01.9" E005°18'25.6", 333m
FR-0-NCY-20165062W

8. *Anisantha sterilis* (L.) Nevski
54, Ochey, l'Amplain
N48°34'20.7" E005°55'59.8", 319m
FR-0-NCY-20165013W

9. *Anisantha tectorum* (L.) Nevski
54, Messein, Les Grandes Saussaies
N48°36'19.38" E006°07'35.36", 224m
FR-0-NCY-20205081W

10. *Anisantha tectorum* (L.) Nevski
54, Virecourt
N48°27'06.9" E006°18'39.9", 248m
FR-0-NCY-20155060W

11. *Apera spica-venti* (L.) P.Beauv.
88, Le Syndicat, Le Chanois
N48°06'42.7" E006°42'10.2", 403m
FR-0-NCY-20165037W

12. *Apera spica-venti* (L.) P.Beauv.
88, Le Val d'Ajol, Les Chênes, champs d'orge
N47°56'22.7" E006°30'21.8", 379m
FR-0-NCY-20165059W

13. *Avena fatua* L.
54, Seichamps, Côte du Chanois
N48°43'12.90" E006°15'38.38", 234m
FR-0-NCY-20215012W

14. *Avena fatua* L.
54, Villey-St-Etienne, la Côte de l'Echalotte
N48°44'36.1" E005°57'31.4", 226m
FR-0-NCY-20225034W

15. *Bromus arvensis* L.
subsp. *arvensis*
54, Germiny
N48°33'20.6" E005°59'58.6", 382m
FR-0-NCY-20215149W

16. *Bromus arvensis* L.
subsp. *arvensis*
54, Germiny
N48°33'20.6" E005°59'58.6", 382m
FR-0-NCY-20165029W

17. *Bromus arvensis* L.
subsp. *arvensis*
54, Maizières, Pont des Naues
N48°35'1.57" E006°04'8.1", 234m
FR-0-NCY-20205084W

18. *Bromus hordeaceus* L.
57, Maizières-lès-Vic, Haut de Senac
N48°43'35.89" E006°46'47.32", 240m
FR-0-NCY-20205026W

19. *Bromus racemosus* L.
54, Seichamps, Côte du Chanois
N48°43'12.90" E006°15'38.38", 234m
FR-0-NCY-20215009W
20. *Bromus secalinus* L.
54, Thélod, Le Mont
N48°32'58.5" E006°01'47.9", 427m
FR-0-NCY-20225010W
21. *Bromus secalinus* L.
54, Villey-St-Etienne, la Côte de l'Echalotte
N48°44'36.1" E005°57'31.4", 226m
FR-0-NCY-20225035W
22. *Bromus secalinus* L.
57, Vionville, Le Haut de l'Epine, champs de colza
N49°04'29.6" E005°56'40.1", 285m
FR-0-NCY-20165015W
23. *Digitaria sanguinalis* (L.) Scop.
var. *atricha* (Asch. & Graebn.) Henrard
54, Richardménil, Château
N48°35'22.1" E006°10'10.0", 227m
FR-0-NCY-20215152W
24. *Echinochloa crus-galli* (L.) P.Beauv.
54, Avrainville
N48°46'22.2" E005°55'47.56", 226m
FR-0-NCY-20215145W
25. *Setaria italica* (L.) P.Beauv.
subsp. *viridis*
54, Pont-Saint-Vincent, Plateau Sainte-Barbe
N48°36'16.67" E006°04'24.64", 326m
FR-0-NCY-20215114W
26. *Setaria pumila* (Poir.) Roem. & Schult.
88, Dommartin-sur-Vraine, La Moize
N48°20'38.02" E005°56'05.4", 338m
FR-0-NCY-20215156W
27. *Vulpia myuros* (L.) C.C.Gmel.
54, Messein, Les Grandes Saussaies
N48°36'19.38" E006°07'35.36", 224m
FR-0-NCY-20205092W

EUDICOTYLEDONEAE

Apiaceae

28. *Aethusa cynapium* L.
f. *agrestis* (Wallr.) Schube
54, Bicqueley
N48°36'38.86" E005°56'5.57", 289m
FR-0-NCY-20215165W
29. *Aethusa cynapium* L.
f. *agrestis* (Wallr.) Schube
54, Bicqueley
N48°36'38.86" E005°56'5.57", 289m
FR-0-NCY-20215138W
30. *Anthriscus caucalis* M.Bieb.
var. *caucalis*
88, Frenelle-la-Grande, Les Uches
N48°21'26.48" E006°05'32.15", 297m
FR-0-NCY-20215117W
31. *Bupleurum rotundifolium* L.
54, Gondreville, Belle Seille
N48°40'16.1" E005°58'01.5", 261m
FR-0-NCY-20165069W
32. *Bupleurum rotundifolium* L.
54, Villey-St-Etienne, la Côte de l'Echalotte
N48°44'36.1" E005°57'31.4", 226m
FR-0-NCY-20165070W
33. *Cervaria rivini* Gaertn.
57, Saulny, La Côte
N49°09'47.8" E006°06'14.6", 341m
FR-0-NCY-20185148W
34. *Orlaya grandiflora* (L.) Hoffm.
54, Jaillon, le Pâquis de Haine
N48°45'14.3" E005°58'50.0", 223m
FR-0-NCY-20165071W
35. *Scandix pecten-veneris* L.
subsp. *pecten-veneris*
54, Germiny, chemin du Vabois
N48°33'13.6" E005°59'44.3", 370m
FR-0-NCY-20225031W
36. *Scandix pecten-veneris* L.
subsp. *pecten-veneris*
54, Thuilley-aux-Groseilles, Devant Roche
N48°34'55.40" E005°58'42.41", 339m
FR-0-NCY-20225030W

37. *Scandix pecten-veneris* L.
subsp. *pecten-veneris*
54, Villey-St-Etienne, la Côte de l'Echalotte
N48°44'36.1" E005°57'31.4", 226m
FR-0-NCY-20225047W

38. *Tordylium maximum* L.
54, Maizières, bord de la D914
N48°35'05" E006°04'22.73", 326m
FR-0-NCY-20215120W

39. *Tordylium maximum* L.
54, Maizières, Pendant du Rouau
N48°34'46.36" E006°02'54.98", 263m
FR-0-NCY-20215125W

40. *Tordylium maximum* L.
54, Viterne, Le Vigné
N48°35'16.79" E006°02'30.22", 326m
FR-0-NCY-20215139W

41. *Torilis arvensis* L.
subsp. *arvensis*
54, Pierreville
N48°32'53.4" E006°07'28.5", 228m
FR-0-NCY-20205192W

Asteraceae

42. *Anthemis arvensis* L.
subsp. *arvensis*
54, Germiny, Maix Perré
N48°33'17.99" E005°59'45.76", 339m
FR-0-NCY-20225004W

43. *Anthemis arvensis* L.
subsp. *arvensis*
88, Val d'Ajol (le), Les Chênes, champs d'orge
N47°56'22.7" E006°30'21.8", 379m
FR-0-NCY-20165056W

44. *Anthemis cotula* L.
54, Gondreville, Belle Seille
N48°40'16.9" E005°58'00.3", 262m
FR-0-NCY-20165040W

45. *Anthemis cotula* L.
88, Saint-Amé, Le Faing de la Maix, champ de blé
N48°00'45.7" E006°38'02.1", 387m
FR-0-NCY-20165031W

46. *Cyanus segetum* Hill
54, Crépey, Sombalieu
N48°31'44.14" E005°57'11.74", 375m
FR-0-NCY-20205166W

47. *Cyanus segetum* Hill
88, Gruey-lès-Surance, Chemin des Arpenfoins
N48°01'30.77" E006°09'38.44", 462m
FR-0-NCY-20215022W

48. *Matricaria chamomilla* L.
54, Maizières, Champs Célieux
N48°35'6.09" E006°03'06.8", 326m
FR-0-NCY-20215134W

49. *Matricaria chamomilla* L.
54, Seichamps, Côte du Chanois
N48°43'12.90" E006°15'38.38", 234m
FR-0-NCY-20215015W

50. *Matricaria discoidea* DC.
54, Maizières, Derrière la Ville
N48°34'43.38" E006°03'49.87", 238m
FR-0-NCY-20205042W

51. *Tripleurospermum inodorum* (L.) Sch.Bip.
54, Crépey, La Ferté
N48°31'24.11" E005°57'31.1", 390m
FR-0-NCY-20215155W

52. *Tripleurospermum inodorum* (L.) Sch.Bip.
54, Maizières, Pendant du Rouau
N48°34'46.36" E006°02'54.98", 263m
FR-0-NCY-20215133W

53. *Tripleurospermum inodorum* (L.) Sch.Bip.
54, Seichamps, Côte du Chanois
N48°43'12.90" E006°15'38.38", 234m
FR-0-NCY-20215010W

Boraginaceae

54. *Buglossoides arvensis* (L.) I.M.Johnst.
54, Ochey, l'Amplain
N48°34'20.7" E005°55'59.8", 319m
FR-0-NCY-20165002W

55. *Buglossoides arvensis* (L.) I.M.Johnst.
54, Villey-St-Etienne, la Côte de l'Echalotte
N48°44'36.1" E005°57'31.4", 226m
FR-0-NCY-20225036W

56. *Buglossoides arvensis* (L.) I.M.Johnst.
55, Réville-aux-Bois, champ de céréales bio
N49°20'25.7" E005°19'14.8", 282m
FR-0-NCY-20165019W

57. *Lycopsis arvensis* L.
54, Richardménil, Château
N48°35'22.1" E006°10'10.0", 227m
FR-0-NCY-20215122W

58. *Lycopsis arvensis* L.
54, Richardménil, Château
N48°35'22.1" E006°10'10.0", 227m
FR-0-NCY-20205045W

59. *Myosotis arvensis* (L.) Hill
var. *arvensis*
54, Avrainville
N48°46'22.2" E005°55'47.56", 226m
FR-0-NCY-20215118W

60. *Myosotis arvensis* (L.) Hill
var. *arvensis*
54, Viterne, A la Femme Morte
N48°35'55.9" E006°01'02.7", 304m
FR-0-NCY-20215136W

Brassicaceae

61. *Camelina microcarpa* Andr. ex DC.
54, Gondreville, Belle Seille
N48°40'16.9" E005°58'00.3", 262m
FR-0-NCY-20125017W

62. *Lepidium coronopus* (L.) Al-Shehbaz
54, Germiny
N48°33'20.6" E005°59'58.6", 382m
FR-0-NCY-20215132W

63. *Microthlaspi perfoliatum* (L.) F.K.Mey.
54, Gondreville, Belle Seille
N48°40'16.9" E005°58'00.3", 262m
FR-0-NCY-20165043W

64. *Microthlaspi perfoliatum* (L.) F.K.Mey.
54, Viterne, Voivraillé
N48°34'42.46" E006°02'18.41", 270m
FR-0-NCY-20215127W

65. *Microthlaspi perfoliatum* (L.) F.K.Mey.
57, Maizières-lès-Vic, Haut de Senac
N48°43'35.89" E006°46'47.32", 240m
FR-0-NCY-20205017W

66. *Thlaspi arvense* L.
54, Germiny, chemin du Vabois
N48°33'13.6" E005°59'44.3", 370m
FR-0-NCY-20225017W

67. *Thlaspi arvense* L.
54, Villey-St-Etienne, la Côte de l'Echalotte
N48°44'36.1" E005°57'31.4", 226m
FR-0-NCY-20165074W

68. *Thlaspi arvense* L.
57, Delme, La Ronce
N48°53'03.99" E006°22'32.96", 240m
FR-0-NCY-20215162W

Campanulaceae

69. *Jasione montana* L.
subsp. *montana*
57, Porcelette, Heide
N49°10'41.6" E006°39'54.4", 222m
FR-0-NCY-20155044W

70. *Legousia hybrida* (L.) Delarbre
54, Ochey, l'Amplain
N48°34'20.7" E005°55'59.8", 319m
FR-0-NCY-20165003W

71. *Legousia hybrida* (L.) Delarbre
55, Réville-aux-Bois, les Clairs Chênes
N49°20'19.3" E005°18'42.4", 298m
FR-0-NCY-20165020W

72. *Legousia speculum-veneris* (L.) Chaix
54, Thélod, Le Mont
N48°32'58.5" E006°01'47.9", 427m
FR-0-NCY-20205018W

Caprifoliaceae

73. *Valerianella dentata* (L.) Pollich
f. *rimosa* (Bastard) Devesa, J.López & R.Gonzalo
54, Crépey, Fond de Corre
N48°30'5.75" E005°57'12.36", 400m
FR-0-NCY-20205054W

74. *Valerianella dentata* (L.) Pollich
f. *rimosa* (Bastard) Devesa, J.López & R.Gonzalo
54, Thélod, Le Mont
N48°32'58.5" E006°01'47.9", 427m
FR-0-NCY-20205171W

75. *Valerianella dentata* (L.) Pollich
f. *rimosa* (Bastard) Devesa, J.López & R.Gonzalo
54, Thuilley-aux-Groseilles, Champ Vallotte
N48°34'04.54" E005°57'15.17", 325m
FR-0-NCY-20215166W

155. *Valeriana locusta* (L.) Laterr.
54, Viterne, le Friche-Guénin
N48°34'22.3" E006°01'18.2", 365m
FR-0-NCY-20225021W

Caryophyllaceae

76. *Scleranthus annuus* L.

88, Saint-Amé, Le Faing de la Maix, champ de blé
N48°00'45.7" E006°38'02.1", 387m
FR-0-NCY-20165036W

77. *Silene noctiflora* L.

54, Viterne, A la Femme Morte
N48°35'55.9" E006°01'02.7", 304m
FR-0-NCY-20215150W

78. *Spergula arvensis* L.

subsp. *arvensis*
54, Parey-Saint-Césaire, Couverosse
N48°32'15.34" E006°04'28.65", 285m
FR-0-NCY-20215108W

79. *Spergula arvensis* L.

subsp. *arvensis*
88, La Bresse, route de Schmargult
N48°01'49.3" E007°00'00.1", 1212m
FR-0-NCY-20165081W

80. *Spergula arvensis* L.

subsp. *arvensis*
88, Saint-Amé, Le Faing de la Maix
N48°00'45.7" E006°38'02.1", 387m
FR-0-NCY-20165032W

81. *Spergula arvensis* L.

subsp. *arvensis*
88, Vioménil, le Grand Mont
N48°04'44.4" E006°11'00.3", 427m
FR-0-NCY-20225119W

82. *Spergula rubra* (L.) D.Dietr.

88, Le Syndicat, Le Chanois
N48°06'42.7" E006°42'10.2", 403m
FR-0-NCY-20165033W

Convolvulaceae

83. *Convolvulus arvensis* L.

54, Jaillon, Le Pâquis de Haine
N48°45'21.0" E005°58'50.2", 228m
FR-0-NCY-20165075W

Euphorbiaceae

84. *Euphorbia exigua* L.

subsp. *exigua*
54, Germiny, chemin du Vabois
N48°33'13.6" E005°59'44.3", 370m
FR-0-NCY-20225011W

85. *Euphorbia exigua* L.

subsp. *exigua*
54, Villey-St-Etienne, la Côte de l'Echalotte
N48°44'36.1" E005°57'31.4", 226m
FR-0-NCY-20225039W

86. *Euphorbia exigua* L.

subsp. *exigua*
88, Tranqueville-Graux, Fond de la Vau Chanaie
N48°26'22.66" E005°50'21.91", 362m
FR-0-NCY-20215126W

87. *Euphorbia helioscopia* L.

subsp. *helioscopia*
54, Germiny, chemin du Vabois
N48°33'13.6" E005°59'44.3", 370m
FR-0-NCY-20225013W

88. *Euphorbia helioscopia* L.

subsp. *helioscopia*
54, Gondreville, En Fremoleve
N48°40'05.22" E005°57'44.52", 238m
FR-0-NCY-20215143W

90. *Euphorbia platyphyllos* L.

54, Gondreville, Belle Seille
N48°40'16.9" E005°58'00.3", 262m
FR-0-NCY-20215144W

91. *Euphorbia stricta* L.

54, Biqueley
N48°36'38.86" E005°56'5.57", 289m
FR-0-NCY-20215124W

92. *Mercurialis annua* L.

54, Bainville-sur-Madon, Les Quichottes
N48°35'29.01" E006°05'34.16", 237m
FR-0-NCY-20205021W

Fabaceae

93. *Lathyrus aphaca* L.

54, Gondreville, Belle Seille
N48°40'16.9" E005°58'00.3", 262m
FR-0-NCY-20165045W

94. *Medicago lupulina* L.

var. *willdenowiana* W.D.J.Koch
54, Messein, Les Grandes Saussaies
N48°36'19.38" E006°07'35.36", 224m
FR-0-NCY-20205069W

95. *Medicago minima* (L.) L.

54, Messein, Les Grandes Saussaies
N48°36'19.38" E006°07'35.36", 224m
FR-0-NCY-20205070W

96. *Medicago sativa* L.
subsp. *falcata* (L.) Arcang.
54, Germiny
N48°32'43.4" E006°00'00.7", 332m
FR-0-NCY-20195126W

97. *Medicago sativa* L.
subsp. *falcata* (L.) Arcang.
54, Villers-lès-Nancy, Plateau de Villers
N48°39'31.3" E006°08'07.2", 371m
FR-0-NCY-20175075W

98. *Onobrychis viciifolia* Scop.
54, Viterne, Voivraillé
N48°34'42.46" E006°02'18.41", 270m
FR-0-NCY-20205022W

99. *Ornithopus perpusillus* L.
57, Porcelette, Heide
N49°10'41.6" E006°39'54.4", 222m
FR-0-NCY-20155046W

100. *Trifolium arvense* L.
54, Pont-Saint-Vincent, Plateau Sainte-Barbe
N48°36'16.67" E006°04'24.64", 326m
FR-0-NCY-20215115W

Geraniaceae

101. *Erodium cicutarium* (L.) L'Hér.
subsp. *cutarium*
54, Villey-St-Etienne, la Côte de l'Echalotte
N48°44'36.1" E005°57'31.4", 226m
FR-0-NCY-20225038W

102. *Geranium columbinum* L.
54, Gondreville, Belle Seille
N48°40'16.9" E005°58'00.3", 262m
FR-0-NCY-20165046W

103. *Geranium columbinum* L.
54, Thélod, champ de céréales
N48°33'00.5" E006°01'41.7", 430m
FR-0-NCY-20165058W

104. *Geranium dissectum* L.
88, Gruéy-lès-Surance, Chemin des Arpenfoins
N48°01'30.77" E006°09'38.44", 462m
FR-0-NCY-20215020W

105. *Geranium pusillum* L.
54, Villey-St-Etienne, la Côte de l'Echalotte
N48°44'36.1" E005°57'31.4", 226m
FR-0-NCY-20225041W

Lamiaceae

106. *Clinopodium acinos* (L.) Kuntze
subsp. *acinos*
54, Maizières, Bois Fossé
N48°35'37.03" E006°04'15.60", 335m
FR-0-NCY-20205159W

107. *Stachys annua* (L.) L.
subsp. *annua*
54, Crépey, Le Coin d'Allain
N48°31'54.45" E005°56'31.11", 385m
FR-0-NCY-20225015W

108. *Stachys annua* (L.) L.
subsp. *annua*
54, Ochey, l'Amplain
N48°34'20.7" E005°55'59.8", 319m
FR-0-NCY-20225016W

109. *Stachys annua* (L.) L.
subsp. *annua*
54, Viterne, le Friche-Guénin
N48°34'22.3" E006°01'18.2", 365m
FR-0-NCY-20225020W

110. *Teucrium botrys* L.
54, Bainville-sur-Madon, Terre Vaine
N48°35'56.5" E006°04'40.47", 398m
FR-0-NCY-20205074W

Malvaceae

111. *Malva setigera* Spenn.
54, Gondreville, Belle Seille
N48°40'16.9" E005°58'00.3", 262m
FR-0-NCY-20165047W

112. *Malva setigera* Spenn.
54, Villey-Saint-Etienne, La Côte de l'Echalotte
N48°44'39.8" E005°57'35.0", 228m
FR-0-NCY-20165027W

113. *Malva moschata* L.
54, Méréville, La Combe
N48°35'44.11" E006°08'43.51", 244m
FR-0-NCY-20205160W

Orobanchaceae

114. *Melampyrum arvense* L.
f. *arvense*
54, Gondreville, Belle Seille
N48°40'16.1" E005°58'01.5", 261m
FR-0-NCY-20225045W

115. *Melampyrum arvense* L.
f. *arvense*
54, Gondreville, Belle Seille
N48°40'16.9" E005°58'00.3", 262m
FR-0-NCY-20215146W

116. *Melampyrum arvense* L.
f. *pseudobarbatum* (Schur) B.Bock
54, Gondreville, Belle Seille
N48°40'16.1" E005°58'01.5", 261m
FR-0-NCY-20225046W

Papaveraceae

117. *Fumaria officinalis* L.
54, Thélod, Le Mont
N48°32'58.5" E006°01'47.9", 427m
FR-0-NCY-20215119W

118. *Papaver argemone* L.
54, Gondreville, Belle Seille
N48°40'16.9" E005°58'00.3", 262m
FR-0-NCY-20165048W

119. *Papaver argemone* L.
54, Ochey, l'Amplain
N48°34'20.7" E005°55'59.8", 319m
FR-0-NCY-20165008W

120. *Papaver argemone* L.
54, Villey-St-Etienne, la Côte de l'Echalotte
N48°44'36.1" E005°57'31.4", 226m
FR-0-NCY-20165049W

121. *Papaver dubium* L.
54, Germiny
N48°33'20.6" E005°59'58.6", 382m
FR-0-NCY-20165028W

122. *Papaver dubium* L.
54, Messein, Les Grandes Saussaies
N48°36'19.38" E006°07'35.36", 224m
FR-0-NCY-20205077W

123. *Papaver dubium* L.
57, Ham-sous-Varsberg
N49°10'32.9" E006°39'12.7", 220m
FR-0-NCY-20165060W

124. *Papaver rhoeas* L.
54, Crépey, Corvée de Corre
N48°31'10.58" E005°57'8.03", 393m
FR-0-NCY-20215137W

125. *Papaver rhoeas* L.
54, Maizières, Derrière la Ville
N48°34'43.38" E006°03'49.87", 238m
FR-0-NCY-20205076W

126. *Papaver rhoeas* L.
55, Bislée, Fourcaupré
N48°52'15.9" E005°31'21.8", 249m
FR-0-NCY-20165023W

Plantaginaceae

127. *Chaenorhinum minus* (L.) Lange
subsp. *minus*
54, Messein, Les Grandes Saussaies
N48°36'19.38" E006°07'35.36", 224m
FR-0-NCY-20205078W

128. *Chaenorhinum minus* (L.) Lange
subsp. *minus*
54, Viterne, le Friche-Guénin
N48°34'22.3" E006°01'18.2", 365m
FR-0-NCY-20225019W

129. *Chaenorhinum minus* (L.) Lange
subsp. *minus*
88, Vioménil, le Grand Mont
N48°04'44.4" E006°11'00.3", 427m
FR-0-NCY-20225116W

130. *Kickxia spuria* (L.) Dumort
subsp. *spuria*
54, Villey-St-Etienne, la Côte de l'Echalotte
N48°44'36.1" E005°57'31.4", 226m
FR-0-NCY-20225042W

131. *Kickxia spuria* (L.) Dumort.
subsp. *spuria*
88, Frenelle-la-Petite, Chemin de Juvaincourt
N48°20'52.92" E006°04'22.40", 304m
FR-0-NCY-20215116W

132. *Kickxia spuria* (L.) Dumort
subsp. *spuria*
88, Vioménil, le Grand Mont
N48°04'44.4" E006°11'00.3", 427m
FR-0-NCY-20225117W

133. *Misopates orontium* (L.) Raf
subsp. *orontium*
88, Vioménil, le Grand Mont
N48°04'44.4" E006°11'00.3", 427m
FR-0-NCY-20225118W

134. *Veronica agrestis* L.
88, Gruéy-lès-Surance, Chemin des Arpenfoins
N48°01'30.77" E006°09'38.44", 462m
FR-0-NCY-20215021W

136. *Veronica persica* Poir.
54, Biqueley
N48°36'38.86" E005°56'5.57", 289m
FR-0-NCY-20215129W

Polygonaceae

137. *Fallopia convolvulus* (L.) Á.Löve
88, Tranqueville-Graux, Fond de la Vau Chanaie
N48°26'22.66" E005°50'21.91", 362m
FR-0-NCY-20215123W

138. *Fallopia dumetorum* (L.) Holub
54, Dieulouard, Pont de Mons
N48°50'58.44 E006°05'42.55", 219m
FR-0-NCY-20215163W

139. *Fallopia dumetorum* (L.) Holub
54, Nancy, le Haut du Lièvre
N48°42'16.0" E006°08'42.2", 342m
FR-0-NCY-20155170W

140. *Fallopia dumetorum* (L.) Holub
88, Dogneville, Falayère, moisson
N48°12'27.1" E006°26'55.5", 323m
FR-0-NCY-20165085W

141. *Persicaria lapathifolia* (L.) Delarbre
54, Crépey, Le Coin d'Allain
N48°31'54.45" E005°56'31.11", 385m
FR-0-NCY-20215128W

142. *Persicaria lapathifolia* (L.) Delarbre
54, Seichamps, Côte du Chanois
N48°43'12.90" E006°15'38.38", 234m
FR-0-NCY-20215013W

143. *Persicaria maculosa* Gray
54, Seichamps, Côte du Chanois
N48°43'12.90" E006°15'38.38", 234m
FR-0-NCY-20215016W

Primulaceae

144. *Lysimachia arvensis* (L.) U.Manns & Anderb.
subsp. *arvensis*
54, Biqueley
N48°36'38.86" E005°56'5.57", 289m
FR-0-NCY-20215130W

145. *Lysimachia arvensis* (L.) U.Manns & Anderb.
subsp. *arvensis*
54, Germiny
N48°33'20.6" E005°59'58.6", 382m
FR-0-NCY-20215154W

146. *Lysimachia foemina* (Mill.) U.Manns & Anderb.
54, Germiny
N48°33'20.6" E005°59'58.6", 382m
FR-0-NCY-20215148W

147. *Lysimachia foemina* (Mill.) U.Manns & Anderb.
54, Maizières, Champs Célieux
N48°35'6.09" E006°03'06.8", 326m
FR-0-NCY-20215153W

Ranunculaceae

148. *Delphinium consolida* L.
subsp. *consolida*
54, Villey-St-Etienne, la Côte de l'Echalotte
N48°44'36.1" E005°57'31.4", 226m
FR-0-NCY-20225037W

149. *Delphinium consolida* L.
subsp. *consolida*
54, Crépey, Fond de Corre
N48°30'51.75" E005°57'12.36", 400m
FR-0-NCY-20205163W

Rosaceae

150. *Poterium sanguisorba* L.
subsp. *balearica* (Bourg. ex Nyman) Stace
54, Maizières, Derrière la Ville
N48°34'43.38" E006°03'49.87", 238m
FR-0-NCY-20205029W

151. *Poterium sanguisorba* L.
subsp. *sanguisorba*
57, Jussy, le Pâtural
N49°06'12.5" E006°03'50.7", 336m
FR-0-NCY-20155006W

Rubiaceae

152. *Sherardia arvensis* L.
54, Crépey, Fond de Corre
N48°30'51.75" E005°57'12.36", 400m
FR-0-NCY-20205097W

Saxifragaceae

154. *Saxifraga tridactylites* L.
54, Maizières, Derrière la Ville
N48°34'43.38" E006°03'49.87", 238m
FR-O-NCY-20205098W

Verbenaceae

156. *Verbena officinalis* L.
54, Thélod, l'Enfrâ
N48°32'42.6" E006°01'56.2", 380m
FR-O-NCY-20195128W

Violaceae

157. *Viola arvensis* Murray
var. *arvensis*
54, Germiny, chemin du Vaboix
N48°33'13.6" E005°59'44.3", 370m
FR-O-NCY-20225018W

158. *Viola arvensis* Murray
var. *arvensis*
54, Maizières, Champs Célieux
N48°35'6.09" E006°03'06.8", 326m
FR-O-NCY-20215135W

159. *Viola arvensis* Murray
var. *arvensis*
54, Thélod, Le Mont
N48°32'58.5" E006°01'47.9", 427m
FR-O-NCY-20205030W

160. *Viola arvensis* Murray
var. *arvensis*
55, Réville-aux-Bois, les Clairs Chênes
N49°20'10.8" E005°18'15.7", 330m
FR-O-NCY-20165063W

Massif des Vosges Vosges Mountains



Metzeral (68), Cirque du Wormspel,

Calamagrostietum arundinaceae Luquet 1926

Photographie : Sébastien ANTOINE / JBN

PTERIDOPHYTA

Aspleniaceae

161. *Asplenium adiantum-nigrum* L.
var. *silesiacum* (Milde) Milde
88, St-Etienne-lès-Remiremont, Crébimont
N48°04'39.3" E006°38'18.3", 610m
FR-0-NCY-20195112W
162. *Asplenium adiantum-nigrum* L.
var. *silesiacum* (Milde) Milde
88, St-Etienne-lès-Remiremont, Crébimont
N48°04'39.8" E006°38'17.5", 610m
FR-0-NCY-20125114W
163. *Asplenium ruta-muraria* L.
subsp. *ruta-muraria*
68, Luttenbach-près-Munster, Fronzell
N48°01'59.4" E007°06'32.9", 431m
FR-0-NCY-20195064W
164. *Asplenium ruta-muraria* L.
subsp. *ruta-muraria*
88, Gérardmer, av. de la Ville de Vichy
N48°04'05.0" E006°52'10.6", 670m
FR-0-NCY-20125038W
165. *Asplenium septentrionale* (L.) Hoffm.
subsp. *septentrionale*
68, Wasserbourg, Petit Ballon
N47°58'51.3" E007°07'46.5", 1197m
FR-0-NCY-20195063W
166. *Asplenium septentrionale* (L.) Hoffm.
subsp. *septentrionale*
88, Gerbamont, les Plateaux
N47°59'50.5" E006°47'07.9", 882m
FR-0-NCY-20195083W
167. *Asplenium trichomanes* L.
subsp. *quadrivalens* D.E.Mey.
88, Rupt-sur-Moselle, la Mariotte
N47°54'48.2" E006°41'17.6", 500m
FR-0-NCY-20125119W
168. *Asplenium trichomanes* L.
subsp. *trichomanes*
88, St-Etienne-lès-Remiremont, Haut des Viaux
N48°04'39.8" E006°38'17.5", 610m
FR-0-NCY-20125115W

169. *Asplenium trichomanes* L.
subsp. *trichomanes*
88, Vagney, Zainvillers
N47°59'06.6" E006°42'59.4", 434m
FR-0-NCY-20195113W

170. *Athyrium filix-femina* (L.) Roth
subsp. *filix-femina*
68, Metzeral, Wormspel
N48°01'57.1" E007°00'54.5", 1181m
FR-0-NCY-20225123W

190. *Athyrium filix-femina* (L.) Roth
subsp. *filix-femina*
88, Xonrupt-Longemer, route de Retournermer
N48°03'00.1" E006°59'08.0", 923m
FR-0-NCY-20185117W

191. *Athyrium filix-femina* (L.) Roth
subsp. *filix-femina*
88, Xonrupt-Longemer, route de Retournermer
N48°03'00.1" E006°59'08.0", 923m
FR-0-NCY-20175118W

Blechnaceae

171. *Struthiopteris spicant* (L.) Weiss
var. *spicant*
88, St-Etienne-lès-Remiremont, mausolée Ste-Thérèse
N48°04'09.2" E006°40'16.3", 727m
FR-0-NCY-20195114W

172. *Struthiopteris spicant* (L.) Weiss
var. *spicant*
88, Xonrupt-Longemer, Feignes Charlemagne, hêtraie d'altitude
N48°03'12.2" E007°00'47.4", 1212m
FR-0-NCY-20175017W

Dryopteridaceae

173. *Dryopteris carthusiana* (Vill.) H.P.Fuchs
subsp. *carthusiana*
68, Metzeral, Wormspel
N48°02'0.93" E007°00'41.04", 1250m
FR-0-NCY-20225126W

174. *Dryopteris carthusiana* (Vill.) H.P.Fuchs
subsp. *carthusiana*
88, Xonrupt-Longemer, Cascade Charlemagne
N48°03'10.2" E006°59'22.2", 820m
FR-0-NCY-20125050W

175. *Dryopteris dilatata* (Hoffm.) A.Gray
subsp. *dilatata*
68, Metzeral, Wormspel
N48°02'0.93" E007°00'41.04", 1250m
FR-0-NCY-20225124W

176. *Dryopteris dilatata* (Hoffm.) A.Gray
subsp. *dilatata*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.7" E007°00'42.7", 1216m
FR-0-NCY-20195035W

177. *Dryopteris filix-mas* (L.) Schott
subsp. *filix-mas*
68, Metzeral, Wormspel
N48°01'57.1" E007°00'54.5", 1181m
FR-0-NCY-20225125W

178. *Dryopteris filix-mas* (L.) Schott
subsp. *filix-mas*
88, Cleurie, Tête Payée
N48°03'39.4" E006°40'49.5", 677m
FR-0-NCY-20195110W

179. *Dryopteris filix-mas* (L.) Schott
subsp. *filix-mas*
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie d'altitude
N48°03'12.2" E007°00'47.4", 1212m
FR-0-NCY-20225084W

180. *Dryopteris filix-mas* (L.) Schott
subsp. *filix-mas*
88, Xonrupt-Longemer, route de Retourner
N48°03'00.1" E006°59'08.0", 923m
FR-0-NCY-20175119W

181. *Polystichum aculeatum* (L.) Roth
67, Grandfontaine, Cascade de la Crache
N48°29'39.8" E007°06'29.5", 600m
FR-0-NCY-20125078W

Polypodiaceae

182. *Polypodium vulgare* L.
68, Metzeral, Wormspel
N48°01'56.0" E007°00'51.2", 1255m
FR-0-NCY-20135137W

183. *Polypodium vulgare* L.
88, Rupt-sur-Moselle, la Mariotte
N47°54'48.5" E006°41'15.9", 500m
FR-0-NCY-20125121W

184. *Polypodium vulgare* L.
88, Vagney, Zainvillers
N47°59'06.6" E006°42'59.4", 434m
FR-0-NCY-20195111W

185. *Polystichum aculeatum* (L.) Roth
67, Urbès, Monument du Steingraben
N47°52'49.5" E006°55'14.9", 652m
FR-0-NCY-20225023W

Thelypteridaceae

186. *Oreopteris limbosperma* (Bellardi ex All.)
Holub
68, Metzeral, le Rainkopf, Pferrey
N48°00'37.3" E006°59'05.6", 1207m
FR-0-NCY-20135033W

187. *Oreopteris limbosperma* (Bellardi ex All.)
Holub
68, Metzeral, le Rainkopf, Pferrey
N48°00'41.1" E006°59'06.7", 1174m
FR-0-NCY-20175063W

188. *Oreopteris limbosperma* (Bellardi ex All.)
Holub
88, Xonrupt-Longemer, Cascade Charlemagne
N48°03'10.2" E006°59'22.2", 820m
FR-0-NCY-20125054W

189. *Phegopteris connectilis* (Michx.) Watt
88, Vagney, Zainvillers
N47°59'06.6" E006°42'59.4", 434m
FR-0-NCY-20195115W

Woodsiaceae

192. *Gymnocarpium dryopteris* (L.) Newman
68, Metzeral, Wormspel
N48°01'56.4" E007°00'51.4", 1241m
FR-0-NCY-20135133W

193. *Gymnocarpium dryopteris* (L.) Newman
88, St-Etienne-lès-Remiremont, Haut des Viaux
N48°04'37.0" E006°38'20.0", 620m
FR-0-NCY-20125117W

PHANEROGAMAE

GYMNOSPERMAE

Cupressaceae

194. *Juniperus communis* L.
subsp. *communis*
68, Stosswihr, Petit Hohneck
N48°02'02.9" E007°02'12.5", 1216m
FR-0-NCY-20185103W

195. *Juniperus communis* L.
subsp. *communis*
88, Le Valtin, Roches du Valtin
N48°06'14.5" E007°01'14.6", 998m
FR-0-NCY-20225106W

Pinaceae

196. *Picea abies* (L.) H.Karst.
68, Lautenbachzell, D 431
N47°54'18.4" E007°05'36.3", 1271m
FR-0-NCY-20145121W

ANGIOSPERMAE

MONOCOTYLEDONEAE

Amaryllidaceae

197. *Allium ursinum* L.
88, Le Valtin, Le Rain des Aulx
N48°03'42.5" E007°00'47.9", 1105m
FR-0-NCY-20205122W

198. *Allium victorialis* L.
68, Murbach, Grand Ballon
N47°54'13.9" E007°06'05.1", 1358m
FR-0-NCY-20165087W

199. *Narcissus pseudonarcissus* L.
subsp. *pseudonarcissus*
88, Le Valtin, La Combe
N48°04'37.0" E007°00'47.3", 863m
FR-0-NCY-20225002W

200. *Narcissus pseudonarcissus* L.
subsp. *pseudonarcissus*
88, Le Valtin, La Combe
N48°04'37.0" E007°00'47.3", 863m
FR-0-NCY-20205007W

201. *Narcissus pseudonarcissus* L.
subsp. *pseudonarcissus*
88, Xonrupt-Longemer, Chaume Charlemagne
N48°02'58.0" E007°00'43.2", 1250m
FR-0-NCY-20215003W

Aristolochiaceae

202. *Asarum europaeum* L.
subsp. *europaeum*
67, Urbès, Col des Allemands
N47°52'43.3" E006°54'25.9", 889m
FR-0-NCY-20225024W

Asparagaceae

203. *Maianthemum bifolium* (L.) F.W.Schmidt
88, le Valtin, Chaume de Montabey
N48°03'38.3" E007°01'03.9", 1188m
FR-0-NCY-20225110W

204. *Maianthemum bifolium* (L.) F.W.Schmidt
88, Xonrupt-Longemer, hêtraie sous le Jardin
d'Altitude
N48°03'04.3" E007°00'36.9", 1215m
FR-0-NCY-20225102W

205. *Polygonatum multiflorum* (L.) All.
88, Gerbamont, les Plateaux
N47°59'50.5" E006°47'07.9", 882m
FR-0-NCY-20195082W

206. *Polygonatum multiflorum* (L.) All.
88, Sapois, l'Avison
N48°01'19.87" E006°45'51.40", 530m
FR-0-NCY-20225089W

207. *Polygonatum verticillatum* (L.) All.
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie d'altitude
N48°03'12.2" E007°00'47.4", 1212m
FR-0-NCY-20225088W

208. *Polygonatum verticillatum* (L.) All.
88, Xonrupt-Longemer, hêtraie sous le Jardin
d'Altitude
N48°03'04.3" E007°00'36.9", 1215m
FR-0-NCY-20215070W

Cyperaceae

209. *Carex brizoides* L.
88, Xonrupt-Longemer, Les Trois Fours
N48°03'05.9" E007°00'54.0", 1232m
FR-0-NCY-20215048W
210. *Carex brizoides* L.
88, Xonrupt-Longemer, Camp des Tabors
N48°03'01.0" E007°00'04.8", 1065m
FR-0-NCY-20225138W
211. *Carex canescens* L.
subsp. *canescens*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'09" E007°00'44", 1200m
FR-0-NCY-20205201W
212. *Carex demissa* Vahl ex Hartm.
68, Wildenstein, Lawinenrunz
N47°59'41.2" E006°58'35.8", 1181m
FR-0-NCY-20205113W
213. *Carex echinata* Murray
subsp. *echinata*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'06" E007°00'42", 1220m
FR-0-NCY-20205224W
214. *Carex echinata* Murray
subsp. *echinata*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.7" E007°00'42.7", 1216m
FR-0-NCY-20195032W
215. *Carex leporina* L.
68, Metzeral, le Rainkopf, Pferrey
N48°00'40.3" E006°59'06.7", 1186m
FR-0-NCY-20195149W
216. *Carex leporina* L.
68, Metzeral, Wormspel
N48°01'57.1" E007°00'54.5", 1181m
FR-0-NCY-20225137W
217. *Carex leporina* L.
88, La Bresse, le Kastelberg
N48°01'42.9" E007°00'26.8", 1289m
FR-0-NCY-20145089W
218. *Carex nigra* (L.) Reichard
subsp. *nigra*
88, La Bresse, en aval de la Fontaine de la
Duchesse
N48°01'44.5" E006°59'56.00", 1203m
FR-0-NCY-20145087W
219. *Carex nigra* (L.) Reichard
subsp. *nigra*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'06" E007°00'42", 1220m
FR-0-NCY-20205200W
220. *Carex pallescens* L.
68, Metzeral, Rainkopf, Pferrey
N48°00'41.5" E006°59'08.9", 1159m
FR-0-NCY-20225063W
221. *Carex pallescens* L.
88, Le Tholy, La Rouge Roye
N48°06'10.2" E006°42'16.1", 641m
FR-0-NCY-20185007W
222. *Carex panicea* L.
88, Le Tholy, La Rouge Roye
N48°06'10.2" E006°42'16.1", 641m
FR-0-NCY-20185006W
223. *Carex paniculata* L.
subsp. *paniculata*
88, Brouvelieures, Neuf Moulin
N48°14'30.9" E006°44'18.7", 364m
FR-0-NCY-20205004W
224. *Carex rostrata* Stokes
88, La Bresse, ruisseau du Chitelet
N48°02'21.6" E006°59'52.4", 1100m
FR-0-NCY-20155179W
225. *Carex rostrata* Stokes
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.7" E007°00'42.7", 1216m
FR-0-NCY-20195030W
226. *Carex sylvatica* Huds.
subsp. *sylvatica*
68, Wildenstein, Lawinenrunz
N47°59'41.2" E006°58'35.8", 1181m
FR-0-NCY-20205114W
227. *Eriophorum angustifolium* Honck.
subsp. *angustifolium*
88, Le Valtin, Chaume de Montabey
N48°03'37.8" E007°01'10.3", 1183m
FR-0-NCY-20185014W
228. *Eriophorum angustifolium* Honck
subsp. *angustifolium*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.7" E007°00'42.7", 1216m
FR-0-NCY-20225007W

229. *Eriophorum vaginatum* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.1" E007°00'43.8", 1220m
FR-0-NCY-20185015W

230. *Eriophorum vaginatum* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.7" E007°00'42.7", 1216m
FR-0-NCY-20225006W

231. *Scirpus sylvaticus* L.
88, Le Valtin, La Combe
N48°04'37.0" E007°00'47.3", 863m
FR-0-NCY-20205220W

232. *Scirpus sylvaticus* L.
88, Xonrupt-Longemer, Lac de Retourner
N48°03'19.8" E006°59'11.8", 784m
FR-0-NCY-20155155W

233. *Trichophorum cespitosum* (L.) Hartm.
subsp. *germanicum* (Palla) Hegi
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.1" E007°00'43.8", 1220m
FR-0-NCY-20185020W

234. *Trichophorum cespitosum* (L.) Hartm.
subsp. *germanicum* (Palla) Hegi
88, Xonrupt-Longemer, Feignes Charlemagne,
tourbière
N48°03'07.8" E007°00'45.8", 1220m
FR-0-NCY-20175014W

Juncaceae

235. *Juncus acutiflorus* Ehrh. ex Hoffm.
88, Xonrupt-Longemer, bord de la D 430
N48°02'55.8" E007°00'33.7", 1228m
FR-0-NCY-20195017W

236. *Juncus acutiflorus* Ehrh. ex Hoffm.
88, Xonrupt-Longemer, point de vue
N48°02'56" E007°00'33", 1254m
FR-0-NCY-20205203W

237. *Juncus articulatus* L.
subsp. *articulatus*
68, Metzeral, Wormspel
N48°01'57.1" E007°00'54.5", 1181m
FR-0-NCY-20225150W

238. *Juncus articulatus* L.
subsp. *articulatus*
88, Xonrupt-Longemer, point de vue
N48°02'56" E007°00'33", 1263m
FR-0-NCY-20205221W

239. *Juncus bulbosus* L.
subsp. *bulbosus*
88, Sapois, le Haut du Tôt
N48°02'44.8" E006°46'20.2", 846m
FR-0-NCY-20155112W

240. *Juncus bulbosus* L.
subsp. *bulbosus*
88, Xonrupt-Longemer, bord de la Vologne
N48°03'07" E007°00'39", 1218m
FR-0-NCY-20205225W

242. *Juncus conglomeratus* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07" E007°00'43", 1222m
FR-0-NCY-20205206W

243. *Juncus conglomeratus* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07" E007°00'43", 1222m
FR-0-NCY-20225078W

244. *Juncus effusus* L.
88, La Bresse, en aval de la Fontaine de la
Duchesse
N48°01'45.6" E006°59'53.9", 1191m
FR-0-NCY-20145093W

245. *Juncus filiformis* L.
68, Metzeral, Wormspel
N48°01'57.1" E007°00'54.5", 1181m
FR-0-NCY-20225149W

246. *Juncus filiformis* L.
88, Xonrupt-Longemer, bord de la Route des Crêtes
N48°02'57" E007°00'33", 1254m
FR-0-NCY-20205205W

247. *Juncus filiformis* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07" E007°00'43", 1222m
FR-0-NCY-20205208W

248. *Juncus squarrosus* L.
68, Metzeral, le Kastelberg
N48°01'16.7" E007°00'25.5", 1295m
FR-0-NCY-20225148W

249. *Juncus squarrosus* L.
88, Xonrupt-Longemer, bord de la Route des Crêtes
N48°02'56" E007°00'33", 1254m
FR-0-NCY-20205204W

250. *Juncus squarrosus* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'06" E007°00'41", 1220m
FR-0-NCY-20205207W

251. *Juncus tenuis* Willd.
subsp. *tenuis*
88, Xonrupt-Longemer, point de vue
N48°02'57" E007°00'33", 1253m
FR-0-NCY-20205211W
252. *Luzula campestris* DC.
subsp. *campestris*
67, Belmont, Domaine des Vieux Prés
N48°24'19.6" E007°15'34.7", 1009m
FR-0-NCY-20205009W
253. *Luzula campestris* DC.
subsp. *campestris*
88, Brouvelieures, Neuf Moulin
N48°14'30.9" E006°44'18.7", 364m
FR-0-NCY-20205005W
254. *Luzula desvauxii* Kunth
68, Metzeral, Cirque du Wormspel
N48°01'59.59" E007°00'49.29", 1245m
FR-0-NCY-20205100W
255. *Luzula desvauxii* Kunth
88, La Bresse, Le Hohneck, Col de Falimont
N48°02'27.0" E007°00'38.6", 1320m
FR-0-NCY-20135062W
256. *Luzula desvauxii* Kunth
88, La Bresse, Rainkopf, Welsh Rothenbach
N48°00'38.0" E006°58'39.2", 1195m
FR-0-NCY-20225068W
257. *Luzula luzuloides* (Lam.) Dandy & Wilmott
var. *erythranthema* (Wallr.) I.Grint.
68, Metzeral, Cirque Ammelthal
N48°01'28.6" E007°00'32.2", 1245m
FR-0-NCY-20185123W
258. *Luzula luzuloides* (Lam.) Dandy & Wilmott
var. *luzuloides*
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie
N48°03'09" E07°00'47", 1216m
FR-0-NCY-20205196W
259. *Luzula luzuloides* (Lam.) Dandy & Wilmott
var. *luzuloides*
88, Xonrupt-Longemer, route de Retourner
N48°03'00.1" E006°59'08.0", 923m
FR-0-NCY-20185124W
260. *Luzula multiflora* (Ehrh.) Lej.
subsp. *multiflora*
68, Linthal, Oberlauchen
N47°56'37.4" E007°02'20.8", 1103m
FR-0-NCY-20195009W
261. *Luzula multiflora* (Ehrh.) Lej.
subsp. *multiflora*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.7" E007°00'42.7", 1216m
FR-0-NCY-20195033W
262. *Luzula pilosa* (L.) Willd.
88, Brouvelieures, Colasmont
N48°14'42.5" E006°44'16.9", 374m
FR-0-NCY-20205006W
263. *Luzula pilosa* (L.) Willd.
88, Le Tholy, Forêt domaniale de Housseramont
N48°03'30.8" E006°46'27.0", 860m
FR-0-NCY-20225087W
264. *Luzula sudetica* (Willd.) Schult.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07" E007°00'43", 1220m
FR-0-NCY-20225079W
265. *Luzula sudetica* (Willd.) Schult.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07" E007°00'43", 1220m
FR-0-NCY-20205213W
266. *Luzula sylvatica* (Huds.) Gaudin
subsp. *sylvatica*
88, Le Valtin, Montabey
N48°03'22.2" E007°01'16.1", 1239m
FR-0-NCY-20185042W
267. *Luzula sylvatica* (Huds.) Gaudin
subsp. *sylvatica*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.3" E007°00'50.1", 1227m
FR-0-NCY-20215033W
- Liliaceae**
268. *Lilium martagon* L.
68, Metzeral, Cirque Ammelthal
N48°01'28.6" E007°00'32.2", 1245m
FR-0-NCY-20185127W
269. *Lilium martagon* L.
88, La Bresse, Route des Crêtes (D 430)
N48°01'52.6" E007°00'11.3", 1271m
FR-0-NCY-20165115W

Melanthiaceae

270. *Paris quadrifolia* L.
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie d'altitude
N48°03'12.2" E007°00'47.4", 1212m
FR-0-NCY-20215068W

271. *Paris quadrifolia* L.
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie d'altitude
N48°03'12.2" E007°00'47.4", 1212m
FR-0-NCY-20205109W

Orchidaceae

272. *Dactylorhiza maculata* (L.) Soó
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'08" E007°00'47", 1218m
FR-0-NCY-20225073W

273. *Platanthera chlorantha* (Custer) Rchb.
88, Barbey-Seroux, Champ de Roches
N48°07'48.0" E006°51'28.2", 725m
FR-0-NCY-20135108W

274. *Pseudorchis albida* (L.) Á.Löve & D.Löve
subsp. *albida*
88, La Bresse, Le Hohneck
N48°02'18.8" E007°00'35.5", 1281m
FR-0-NCY-20215083W

Poaceae

275. *Agrostis capillaris* L.
68, Metzeral, Cirque Ammelthal
N48°01'28.6" E007°00'32.2", 1245m
FR-0-NCY-20185131W

276. *Agrostis capillaris* L.
68, Metzeral, le Rainkopf, Pferrey
N48°00'41.1" E006°59'06.7", 1174m
FR-0-NCY-20175055W

277. *Agrostis stolonifera* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07" E007°00'46", 1220m
FR-0-NCY-20205214W

278. *Agrostis stolonifera* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.7" E007°00'42.7", 1216m
FR-0-NCY-20155100W

279. *Alopecurus pratensis* L.
subsp. *pratensis*
88, Le Valtin, Montabey
N48°03'37.1" E007°01'02.3", 1246m
FR-0-NCY-20205130W

280. *Anthoxanthum alpinum* Á.Löve & D.Löve
88, Le Valtin, Roches du Valtin
N48°06'14.5" E007°01'14.6", 998m
FR-0-NCY-20215006W

281. *Anthoxanthum odoratum* L.
88, Le Valtin, Montabey
N48°03'19.6" E007°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
N48°03'12.2" E007°00'47.4", 1212m
FR-0-NCY-20205110W

283. *Avenella flexuosa* (L.) Drejer
subsp. *flexuosa*
68, Metzeral, le Rainkopf, Pferrey
N48°00'41.1" E006°59'06.7", 1174m
FR-0-NCY-20175056W

284. *Avenella flexuosa* (L.) Drejer
subsp. *flexuosa*
88, La Bresse, Chemin des Chaumes
N48°01'47.2" E007°00'03.3", 1209m
FR-0-NCY-20185132W

285. *Calamagrostis arundinacea* (L.) Roth
68, Metzeral, Cirque Ammelthal
N48°01'28.6" E007°00'32.2", 1245m
FR-0-NCY-20215090W

286. *Calamagrostis arundinacea* (L.) Roth
68, Metzeral, le Rainkopf, Pferrey
N48°00'41.1" E006°59'06.7", 1174m
FR-0-NCY-20175057W

287. *Calamagrostis arundinacea* (L.) Roth
68, Metzeral, Wormspel
N48°02'0.93" E007°00'41.04", 1250m
FR-0-NCY-20225133W

288. *Dactylis glomerata* L.
68, Metzeral, le Rainkopf, Pferrey
N48°00'38.9" E006°59'01.1", 1251m
FR-0-NCY-20195153W

289. *Dactylis glomerata* L.
68, Metzeral, Wormspel
N48°02'0.93" E007°00'41.04", 1250m
FR-0-NCY-20225140W
290. *Danthonia decumbens* (L.) DC.
88, Le Tholy, La Rouge Roye
N48°06'10.2" E006°42'16.1", 641m
FR-0-NCY-20185008W
291. *Danthonia decumbens* (L.) DC.
88, Saulxure-sur-Moselotte, le Beu
N47°57'06.0" E006°48'43.0", 490m
FR-0-NCY-20195034W
292. *Deschampsia cespitosa* (L.) P.Beauv.
subsp. *cespitosa*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'08" E07°00'46", 1217m
FR-0-NCY-20205229W
293. *Deschampsia cespitosa* (L.) P.Beauv.
subsp. *cespitosa*
88, Xonrupt-Longemer, Lac de Retourner
N48°03'22.74" E006°59'03.76", 780m
FR-0-NCY-20225141W
294. *Drymochloa sylvatica* (Pollich) Holub
88, Wisembach, le Château de Faîte
N48°14'42.6" E007°07'56.2", 789m
FR-0-NCY-20185099W
295. *Festuca austrovogesiaca* Boeuf & J.-
P.Berchtold
Syn: *Festuca csikhegyensis* Simonk. var. *vogesiaca*
Boeuf & J-P. Berchtold
68, Rimbach-prés-Masevaux, Joppelberg
N47°50'0.93" E006°54'15.59", 879m
FR-0-NCY-20205173W
296. *Festuca caeruleosaxatilis* (Boeuf & J.-
P.Berchtold) Boeuf & J.-P.Berchthold
Syn: *Festuca ovina* L. subsp. *caeruleosaxatilis*
Boeuf & J-P. Berchtold
88, Bussang, Le Chara
N47°53'39.74" E006°53'20.95", 878m
FR-0-NCY-20205103W
297. *Festuca caeruleosaxatilis* (Boeuf & J.-
P.Berchtold) Boeuf & J.-P.Berchthold
Syn: *Festuca ovina* L. subsp. *caeruleosaxatilis*
Boeuf & J-P. Berchtold
88, Lautenbach-Zell, Hundskopf
N47°54'38.86" E007°03'25.61", 1210m
FR-0-NCY-20205102W
298. *Festuca heteromalla* Pourr.
68, Metzeral, Col du Rothenbakopf
N48°00'19.2" E006°58'50.5", 1201m
FR-0-NCY-20205117W
299. *Festuca rivularis* L.
subsp. *rivularis*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'08" E007°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
N48°03'02.1" E007°00'38.6", 1229m
FR-0-NCY-20205217W
301. *Festuca wormspeliensis* Boeuf & J.-
P.Berchtold
var. *ericetorum* Boeuf & J-P. Berchtold
68, Metzeral, Wormspel
N48°01'57.1" E007°00'54.5", 1181m
FR-0-NCY-20225076W
302. *Festuca wormspeliensis* Boeuf & J.-
P.Berchtold
var. *wormspeliensis*
68, Metzeral, Cirque du Wormspel
N48°02'01.03" E007°00'48.83", 1181m
FR-0-NCY-20205101W
303. *Milium effusum* L.
67, Belmont, Domaine des Vieux Prés
N48°24'19.6" E007°15'34.7", 1009m
FR-0-NCY-20205013W
304. *Molinia caerulea* (L.) Moench
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'09" E007°00'47", 1215m
FR-0-NCY-20205218W
305. *Molinia caerulea* (L.) Moench
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.1" E007°00'43.8", 1220m
FR-0-NCY-20165133W
306. *Molinia caerulea* (L.) Moench
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.7" E007°00'42.7", 1216m
FR-0-NCY-20155101W
307. *Nardus stricta* L.
68, Metzeral, Cirque Ammelthal
N48°01'28.6" E007°00'32.2", 1245m
FR-0-NCY-20185135W

308. *Nardus stricta* L.
88, La Bresse, Firstmiss
N48°01'02.3" E006°59'16.6", 1217m
FR-0-NCY-20195151W
309. *Nardus stricta* L.
88, Xonrupt-Longemer, Chaume Charlemagne
N48°02'56.0" E007°00'42.3", 1299m
FR-0-NCY-20215025W
310. *Phalaris arundinacea* L.
subsp. *arundinacea*
88, Xonrupt-Longemer, Lac de Retourner
N48°03'28.0" E006°59'06.0", 783m
FR-0-NCY-20185136W
311. *Poa compressa* L.
88, Le Valtin
N48°06'45.6" E007°02'10.1", 724m
FR-0-NCY-20175027W
312. *Poa nemoralis* L.
88, La Bresse, Rainkopf
N48°00'40.7" E006°58'43.2", 1173m
FR-0-NCY-20205118W
313. *Poa pratensis* L.
88, Bussang, Le Chara
N47°53'39.74" E006°53'20.95", 878m
FR-0-NCY-20205140W
314. *Poa trivialis* L.
subsp. *trivialis*
88, Le Valtin, Source de la Meurthe
N48°03'25.8" E007°00'48.2", 1192m
FR-0-NCY-20205132W
315. *Poa trivialis* L.
subsp. *trivialis*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'09" E007°00'47", 1215m
FR-0-NCY-20205131W

EUDICOTYLEDONEAE

Amaranthaceae

316. *Blitum bonus-henricus* (L.) Rchb.
68, Linthal, Oberlauchen
N47°56'37.4" E007°02'20.8", 1103m
FR-0-NCY-20195007W

317. *Blitum bonus-henricus* (L.) Rchb.
68, Murbach, Hôtel du Grand Ballon
N47°54'15.3" E007°06'10.2", 1344m
FR-0-NCY-20165086W

Apiaceae

318. *Angelica sylvestris* L.
subsp. *bernardae* Reduron
88, Xonrupt-Longemer, l'Envers de Longemer
N48°03'52.5" E006°57'09.6", 733m
FR-0-NCY-20155147W

319. *Angelica sylvestris* L.
subsp. *sylvestris*
88, Le Tholy, la Rouge Roye
N48°06'11.7" E006°42'10.3", 623m
FR-0-NCY-20225130W

320. *Angelica sylvestris* L.
subsp. *sylvestris*
88, Xonrupt-Longemer, l'Envers de Longemer
N48°03'52.5" E006°57'09.6", 733m
FR-0-NCY-20195129W

321. *Anthriscus sylvestris* (L.) Hoffm.
subsp. *sylvestris*
88, La Forge, Roches Chevalières
N48°04'27.4" E006°43'39.2", 694m
FR-0-NCY-20215004W

322. *Carum carvi* L.
88, La Bresse, Ferme Firtsmiss
N48°01'03.0" E006°59'12.3", 1209m
FR-0-NCY-20225072W

323. *Chaerophyllum aureum* L.
88, le Valtin, Chaume de Montabey
N48°03'38.3" E007°01'03.9", 1188m
FR-0-NCY-20225107W

324. *Chaerophyllum hirsutum* L.
var. *hirsutum*
88, Ban-sur-Meurthe-Clefcy, Défilé de Straiture
N48°06'35.1" E006°58'05.8", 686m
FR-0-NCY-20225064W

325. *Chaerophyllum hirsutum* L.
var. *hirsutum*
88, Xonrupt-Longemer, Lac de Retourner
N48°03'28.0" E006°59'06.0", 783m
FR-0-NCY-20215080W

326. *Dichoropetalum carvifolia* (Vill.) Pimenov & Kljuykov
88, Le Valtin, La Combe
N48°04'37.0" E007°00'47.3", 863m
FR-0-NCY-20205219W

327. *Epikeros pyrenaicus* (L.) Raf.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.1" E007°00'43.8", 1220m
FR-0-NCY-20215038W

328. *Heracleum sphondylium* L.
subsp. *sphondylium*
68, Rimbach-près-Guebwiller, Grand ballon
N47°54'23.0" E007°06'15.1", 1328m
FR-0-NCY-20155148W

329. *Heracleum sphondylium* L.
subsp. *sphondylium*
88, La Bresse, Le Hohneck
N48°02'18.8" E007°00'35.5", 1281m
FR-0-NCY-20165088W

330. *Laserpitium latifolium* L.
var. *latifolium*
88, La Bresse, Le Hohneck
N48°02'18.8" E007°00'35.5", 1281m
FR-0-NCY-20215091W

331. *Meum athamanticum* Jacq.
subsp. *athamanticum*
88, Xonrupt-Longemer, bord de la D 430
N48°03'03.7" E007°00'49.7", 1233m
FR-0-NCY-20215047W

332. *Meum athamanticum* Jacq.
subsp. *athamanticum*
88, Xonrupt-Longemer, Chaume Charlemagne
N48°02'56.0" E007°00'42.3", 1299m
FR-0-NCY-20215027W

333. *Pimpinella saxifraga* L.
subsp. *saxifraga* var. *saxifraga*
68, Murbach, Grand Ballon
N47°54'23.3" E007°06'13.9", 1325m
FR-0-NCY-20165091W

334. *Pimpinella saxifraga* L.
subsp. *saxifraga* var. *dissectifolia* Wallr.
88, Le Tholy, La Rouge Roye
N48°06'10.2 E006°42'16.1", 641m
FR-0-NCY-20225154W

335. *Sanicula europaea* L.
88, La Petite-Raon, Chasserupt
N48°24'25.4" E007°00'31.86", 400m
FR-0-NCY-20205036W

336. *Sanicula europaea* L.
88, Le Valtin, La Groupe
N48°07'55.4" E007°01'57.3", 704m
FR-0-NCY-20205139W

Aquifoliaceae

337. *Ilex aquifolium* L.
88, Gerbamont, les Plateaux
N47°59'50.5" E006°47'07.9", 882m
FR-0-NCY-20195077W

Asteraceae

338. *Achillea millefolium* L.
subsp. *millefolium*
88, La Bresse, Le Hohneck
N48°02'18.8" E007°00'35.5", 1281m
FR-0-NCY-20195131W

339. *Achillea ptarmica* L.
subsp. *ptarmica*
88, Saulxure-sur-Moselotte, le Beu
N47°57'06.0" E006°48'43.0", 490m
FR-0-NCY-20195019W

340. *Adenostyles alliariae* (Gouan) A.Kern.
var. *alliariae*
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie
N48°03'09" E007°00'47", 1218m
FR-0-NCY-20205194W

341. *Arnica montana* L.
subsp. *montana*
88, Xonrupt-Longemer, Chaume Charlemagne
N48°02'43.0" E007°00'37.7", 1285m
FR-0-NCY-20225049W

342. *Arnica montana* L.
subsp. *montana*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.4" E007°00'51.7", 1229m
FR-0-NCY-20215050W

343. *Carduus personata* (L.) Jacq.
subsp. *personata*
88, Xonrupt-Longemer, Lac de Retournemer
N48°03'19.8" E006°59'11.8", 784m
FR-0-NCY-20225136W
344. *Carduus personata* (L.) Jacq.
subsp. *personata*
88, Xonrupt-Longemer, Lac de Retournemer
N48°03'19.8" E006°59'11.8", 784m
FR-0-NCY-20215094W
345. *Centaurea nigra* L.
subsp. *nigra*
88, La Bresse, en aval de la Fontaine de la
Duchesse
N48°01'45.6" E006°59'53.9", 1191m
FR-0-NCY-20185108W
346. *Cirsium palustre* (L.) Scop.
68, Metzeral, le Rainkopf, Pferrey
N48°00'40.9" E006°59'07.6", 1170m
FR-0-NCY-20135047W
347. *Crepis paludosa* (L.) Moench
88, La Bresse, Rainkopf, Welsh Rothenbach
N48°00'38.0" E006°58'39.2", 1195m
FR-0-NCY-20225065W
348. *Crepis paludosa* (L.) Moench
88, Le Valtin, Source de la Meurthe
N48°03'25.8" E007°00'48.2", 1192m
FR-0-NCY-20205123W
349. *Cyanus montanus* (L.) Hill
88, La Bresse, Rainkopf
N48°00'40.7" E006°58'43.2", 1173m
FR-0-NCY-20165096W
350. *Gnaphalium uliginosum* L.
88, Gerbamont, Col du Haut de Fouchure
N47°59'46.2" E006°46'24.7", 791m
FR-0-NCY-20195078W
351. *Gnaphalium uliginosum* L.
88, Vagney, Moyemont
N48°02'05.3" E006°45'15.9", 841m
FR-0-NCY-20155104W
352. *Hieracium albidum* Vill.
88, La Bresse, Le Hohneck
N48°02'14.1" E007°00'46.8", 1323m
FR-0-NCY-20205176W
353. *Hieracium laevigatum* Willd.
88, Xonrupt-Longemer, bord de la D 430
N48°03'03.7" E007°00'49.7", 1233m
FR-0-NCY-20215057W
354. *Hieracium lanceolatum* Vill.
88, La Bresse, Le Hohneck
N48°02'14.1" E007°00'46.8", 1323m
FR-0-NCY-20205175W
355. *Hieracium lanceolatum* Vill.
88, Xonrupt-Longemer, bord de la D 430
N48°03'03.7" E007°00'49.7", 1233m
FR-0-NCY-20215043W
356. *Hieracium sabaudum* L.
88, La Bresse, route de Schmargult
N48°01'49.3" E007°00'00.1", 1212m
FR-0-NCY-20165098W
357. *Hieracium sabaudum* L.
88, Xonrupt-Longemer, le Hohneck
N48°02'12.8" E007°00'50.5", 1330m
FR-0-NCY-20135149W
358. *Hieracium umbellatum* L.
88, La Bresse, Le Hohneck
N48°02'18.8" E007°00'35.5", 1281m
FR-0-NCY-20215086W
359. *Lactuca alpina* (L.) Benth. & Hook.f.
88, Xonrupt-Longemer, bord de la D 430
N48°02'29.7" E007°00'35.7", 1229m
FR-0-NCY-20215023W
360. *Lactuca alpina* (L.) Benth. & Hook.f.
88, Xonrupt-Longemer, bord de la D 430
N48°02'55.8" E007°00'33.7", 1228m
FR-0-NCY-20225092W
361. *Lactuca muralis* (L.) Gaertn.
88, Xonrupt-Longemer, route de Retournemer
N48°03'00.1" E006°59'08.0", 923m
FR-0-NCY-20185109W
362. *Lactuca plumieri* (L.) Gren. & Godr.
88, Xonrupt-Longemer, bord de la D 430
N48°02'55.8" E007°00'33.7", 1228m
FR-0-NCY-20225093W
363. *Lapsana communis* L.
subsp. *intermedia* (M.Bieb.) Hayek
88, Xonrupt-Longemer, Lac de Retournemer
N48°03'19.8" E006°59'11.8", 784m
FR-0-NCY-20225151W

364. *Lapsana communis* L.
subsp. *intermedia* (M.Bieb.) Hayek
88, Xonrupt-Longemer, Lac de Retourner
N48°03'28.0" E006°59'06.0", 783m
FR-0-NCY-20185110W
365. *Leontodon hispidus* L.
subsp. *hispidus*
68, Murbach, Grand Ballon
N47°54'24.8" E007°06'14.1", 1320m
FR-0-NCY-20165099W
366. *Leontodon hispidus* L.
subsp. *hispidus*
88, Xonrupt-Longemer, Route des Crêtes
N48°02'56.3" E007°00'33.2", 1231m
FR-0-NCY-20155062W
367. *Leucanthemum ircutianum* DC.
subsp. *ircutianum* DC.
88, La Bresse, Rainkopf, Welsh Rothenbach
N48°00'38.0" E006°58'39.2", 1195m
FR-0-NCY-20225066W
368. *Logfia minima* (Sm.) Dumort.
88, Saint-Etienne-lès-Remiremont
N48°01'02.8" E006°36'43.1", 386m
FR-0-NCY-20165100W
369. *Omalotheca norvegica* (Gunnerus) Sch.Bip. & F.W.Schultz
88, La Bresse, le Hohneck
N48°02'17.5" E007°00'41.7", 1306m
FR-0-NCY-20185105W
370. *Omalotheca sylvatica* (L.) Sch.Bip. & F.W.Schultz
68, Metzeral, Wormspel
N48°01'57.1" E007°00'54.5", 1181m
FR-0-NCY-20225153W
371. *Petasites albus* (L.) Gaertn.
88, Xonrupt-Longemer, Feignes Forie
N48°02'43.0" E006°59'56.6", 1000m
FR-0-NCY-20215002W
372. *Picris hieracioides* L.
subsp. *umbellata* (Schränk) Ces.
68, Stosswir, Schaeferthal
N48°02'17.3" E007°01'39.4", 1165m
FR-0-NCY-20145035W
373. *Pilosella lactucella* (Wallr.) P.D.Sell & C.West
subsp. *lactucella*
67, Bellefosse, Forêt de Chirgoutte
N48°22'54.8" E007°15'03.3", 994m
FR-0-NCY-20205008W
374. *Pilosella officinarum* F.W.Schultz & Sch.Bip.
88, Le Valtin, La Combe
N48°04'41.58" E007°00'53.49", 864m
FR-0-NCY-20205099W
375. *Prenanthes purpurea* L.
88, Xonrupt-Longemer, bord de la D 430
N48°02'55.8" E007°00'33.7", 1228m
FR-0-NCY-20215044W
376. *Prenanthes purpurea* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'08.0" E007°00'47.0", 1221m
FR-0-NCY-20205195W
377. *Scorzonera humilis* L.
88, Le Tholy, la Rouge Roye
N48°06'10.2" E006°42'16.1", 641m
FR-0-NCY-20225003W
378. *Scorzonera humilis* L.
88, Le Tholy, La Rouge Roye
N48°06'10.2" E006°42'16.1", 641m
FR-0-NCY-20185002W
379. *Scorzoneroïdes autumnalis* (L.) Moench
subsp. *autumnalis*
88, Le Valtin, Chaume de Montabey
N48°03'37.8" E007°01'10.3", 1183m
FR-0-NCY-20225095W
380. *Scorzoneroïdes helvetica* (Mérat) Holub
88, Le Valtin, Chaume de Montabey
N48°03'37.8" E007°01'10.3", 1183m
FR-0-NCY-20185013W
381. *Scorzoneroïdes helvetica* (Mérat) Holub
88, Xonrupt-Longemer, Chaume Charlemagne
N48°02'43.0" E007°00'37.7", 1285m
FR-0-NCY-20225052W
382. *Scorzoneroïdes helvetica* (Mérat) Holub
88, Xonrupt-Longemer, Chaume Charlemagne
N48°02'56.0" E007°00'42.3", 1299m
FR-0-NCY-20215024W
383. *Senecio hercynicus* Herborg
subsp. *hercynicus*
68, Murbach, Grand Ballon
N47°54'23.0" E007°06'15.1", 1328m
FR-0-NCY-20165102W

384. *Senecio hercynicus* Herborg
subsp. *hercynicus*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.4" E007°00'51.7", 1229m
FR-0-NCY-20215042W

385. *Senecio ovatus* (G.Gaertn., B.Mey. &
Scherb.)Willd. subsp. *ovatus*
88, Xonrupt-Longemer, Lac de Retournemer
N48°03'19.8" E006°59'11.8", 784m
FR-0-NCY-20225157W

386. *Senecio ovatus* (G.Gaertn., B.Mey. &
Scherb.)Willd. subsp. *ovatus*
88, Xonrupt-Longemer, Lac de Retournemer
N48°03'28.0" E006°59'06.0", 783m
FR-0-NCY-20215089W

387. *Serratula tinctoria* L.
subsp. *monticola* (Boreau) Berher
88, La Bresse, le Hohneck
N48°02'17.5" E007°00'41.7", 1306m
FR-0-NCY-20215097W

388. *Serratula tinctoria* L.
subsp. *monticola* (Boreau) Berher
88, La Bresse, Le Hohneck
N48°02'18.8" E007°00'35.5", 1281m
FR-0-NCY-20195130W

389. *Solidago virgaurea* L.
88, La Bresse, Le Hohneck
N48°02'14.4" E007°00'44.1", 1313m
FR-0-NCY-20215078W

390. *Solidago virgaurea* L.
88, La Bresse, le Hohneck
N48°02'17.5" E007°00'41.7", 1306m
FR-0-NCY-20185049W

Balsaminaceae

391. *Impatiens noli-tangere* L.
88, Xonrupt-Longemer, Goutte de la Duchesse
N48°01'45.2" E006°59'40.2", 1152m
FR-0-NCY-20215099W

392. *Impatiens noli-tangere* L.
88, Xonrupt-Longemer, Goutte de la Duchesse
N48°01'45.2" E006°59'40.2", 1152m
FR-0-NCY-20175045W

Betulaceae

393. *Alnus glutinosa* (L.) Gaertn.
88, Xonrupt-Longemer, Lac de Retournemer
N48°03'28.0" E006°59'06.0", 783m
FR-0-NCY-20185118W

394. *Betula pendula* Roth
subsp. *pendula*
88, Gerbamont, les Plateaux
N47°59'50.5" E006°47'07.9", 882m
FR-0-NCY-20195079W

395. *Betula pubescens* Ehrh.
subsp. *glutinosa* (Trautv. ex Regel) Berher
68, Metzeral, Wormspel
N48°01'57.1" E007°00'54.5", 1181m
FR-0-NCY-20225132W

Boraginaceae

396. *Myosotis scorpioides* L.
88, Xonrupt-Longemer, bord de la D 430
N48°02'55.8" E007°00'33.7", 1228m
FR-0-NCY-20145019W

Brassicaceae

397. *Arabidopsis arenosa* (L.) Lawalrée
subsp. *borbasii* (Zapal.) O'Kane & Al-Shehbaz
67, Breitenau, Col de Fouchy
N48°18'17.5" E007°15'40.9", 610m
FR-0-NCY-20175033W

398. *Barbarea vulgaris* R.Br.
subsp. *vulgaris*
88, La Bresse, Firstmiss
N48°01'02.3" E006°59'16.6", 1217m
FR-0-NCY-20195133W

399. *Cardamine flexuosa* With.
88, Ban-sur-Meurthe-Clefcy, Défilé de Straiture
N48°06'35.1" E006°58'05.8", 686m
FR-0-NCY-20185086W

400. *Cardamine impatiens* L.
67, Urbès, Steingraben
N47°52'42.7" E006°54'56.2", 769m
FR-0-NCY-20225025W

401. *Lunaria rediviva* L.
88, Xonrupt-Longemer, hêtraie sous le Jardin
d'Altitude
N48°03'04.3" E007°00'36.9", 1215m
FR-0-NCY-20215100W

402. *Lunaria rediviva* L.
88, Xonrupt-Longemer, Lac de Retourner
N48°03'19.8" E006°59'11.8", 784m
FR-0-NCY-20225152W

403. *Noccaea caerulea* (J.Presl & C.Presl)
F.K.Mey. subsp. *caerulea*
88, Gerbamont, Les Plateaux
N47°59'46.0" E006°46'56.3", 843m
FR-0-NCY-20215005W

404. *Teesdalia nudicaulis* (L.) R.Br.
88, Bruyères, Grande Avison
N48°12'31.8" E006°44'05.7", 499m
FR-0-NCY-20205002W

405. *Teesdalia nudicaulis* (L.) R.Br.
88, La Forge, Roches Chevalières
N48°04'27.4" E006°43'39.2", 694m
FR-0-NCY-20205135W

406. *Turritis glabra* L.
88, Gemaingoutte, Col de Sainte-Marie
N48°14'31.3" E007°07'53.8", 773m
FR-0-NCY-20175032W

Campanulaceae

407. *Campanula rotundifolia* L.
subsp. *rotundifolia*
88, Xonrupt-Longemer, bord de la D 430
N48°02'56.4" E007°00'35.3", 1228m
FR-0-NCY-20205186W

408. *Campanula rotundifolia* L.
subsp. *rotundifolia*
68, Metzeral, le Kastelberg
N48°01'16.7" E007°00'25.5", 1295m
FR-0-NCY-20225135W

409. *Jasione laevis* Lam.
subsp. *laevis*
88, La Bresse, Le Hohneck
N48°02'18.8" E007°00'35.5", 1281m
FR-0-NCY-20165105W

410. *Jasione laevis* Lam.
subsp. *laevis*
88, La Bresse, Le Hohneck
N48°02'33" E007°00'41", 1299m
FR-0-NCY-20205223W

411. *Jasione montana* L.
subsp. *montana*
67, Breitenau, Col de Fouchy
N48°18'17.5" E007°15'40.9", 610m
FR-0-NCY-20175034W

412. *Jasione montana* L.
subsp. *montana*
88, La Forge, Roches Chevalières
N48°04'27.4" E006°43'39.2", 694m
FR-0-NCY-20225086W

413. *Phyteuma nigrum* F.W.Schmidt
88, Le Tholy, La Rouge Roye
N48°06'10.2" E006°42'16.1", 641m
FR-0-NCY-20185004W

414. *Phyteuma nigrum* F.W.Schmidt
88, Le Valtin, le Rudlin
N48°07'22.8" E007°02'52.0", 755m
FR-0-NCY-20225022W

415. *Phyteuma spicatum* L.
68, Rimbach-près-Guebwiller, Grand Ballon, Ecole
de ski
N47°54'15.4" E007°06'04.3", 1349m
FR-0-NCY-20145127W

Caprifoliaceae

416. *Knautia dipsacifolia* Kreutzer
subsp. *dipsacifolia*
68, Metzeral, Petit Hohneck
N48°02'02.9" E007°02'12.5", 1216m
FR-0-NCY-20225101W

417. *Knautia dipsacifolia* Kreutzer
subsp. *dipsacifolia*
68, Wildenstein, Batteriekopf
N47°59'41.7" E006°58'41.5", 1249m
FR-0-NCY-20215049W

418. *Lonicera nigra* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.7" E007°00'42.7", 1216m
FR-0-NCY-20215034W

419. *Lonicera nigra* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.7" E007°00'42.7", 1216m
FR-0-NCY-20195020W

420. *Scabiosa columbaria* L.
68, Wildenstein, Batteriekopf
N47°59'41.7" E006°58'41.5", 1249m
FR-0-NCY-20225071W

421. *Succisa pratensis* Moench
88, La Bresse, Chemin de Schmargult
N48°01'47.1" E006°59'54.1", 1190m
FR-0-NCY-20175053W

422. *Succisa pratensis* Moench
88, Le Tholy, la Rouge Roye
N48°06'11.7" E006°42'10.3", 623m
FR-0-NCY-20225159W

423. *Valeriana dioica* L.
subsp. *dioica*
67, Belmont, Domaine des Vieux Prés
N48°24'19.6" E007°15'34.7", 1009m
FR-0-NCY-20205012W

Caryophyllaceae

424. *Atocion rupestre* (L.) B.Oxelman
68, Metzeral, Le Hohneck, Wormspel
N48°02'12.8" E007°00'50.5", 1330m
FR-0-NCY-20225131W

425. *Atocion rupestre* (L.) B.Oxelman
68, Metzeral, le Kastelberg
N48°01'17.7" E007°00'24.6", 1290m
FR-0-NCY-20215085W

426. *Dianthus armeria* L.
57, Niederstinzeln, Forêt Domaniale de Fénétrange
N48°52'50.8" E006°58'40.0", 230m
FR-0-NCY-20155123W

427. *Dianthus carthusianorum* L.
subsp. *carthusianorum*
88, Saulxure-sur-Moselotte, le Beu
N47°57'06.0" E006°48'43.0", 490m
FR-0-NCY-20195023W

428. *Lychnis flos-cuculi* L.
subsp. *flos-cuculi*
88, Le Tholy, La Rouge Roye
N48°06'10.2" E006°42'16.1", 641m
FR-0-NCY-20185005W

429. *Moehringia trinervia* (L.) Clairv.
88, Bruyères, Fontaine St-Georges
N48°12'35.8" E006°44'10.3", 470m
FR-0-NCY-20205003W

430. *Sagina procumbens* L.
88, La Bresse, Chaume Firstmiss
N48°01'10.1" E006°59'09.0", 1179m
FR-0-NCY-20195021W

431. *Silene dioica* (L.) Clairv.
var. *dioica*
88, Xonrupt-Longemer, bord de la D 430
N48°02'55.8" E007°00'33.7", 1228m
FR-0-NCY-20215039W

432. *Silene dioica* (L.) Clairv.
var. *dioica*
88, Xonrupt-Longemer, bord de la D 430
N48°02'56.4" E007°00'35.3", 1228m
FR-0-NCY-20205178W

433. *Silene nutans* L.
var. *nutans*
88, La Bresse, Le Brabant
N47°59'18.1" E006°52'07.6", 857m
FR-0-NCY-20195022W

434. *Silene vulgaris* (Moench) Garcke
subsp. *vulgaris*
88, Xonrupt-Longemer, Chaume Charlemagne
N48°02'56.0" E007°00'42.3", 1299m
FR-0-NCY-20215028W

435. *Silene vulgaris* (Moench) Garcke
subsp. *vulgaris*
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie
N48°03'09" E07°00'47", 1219m
FR-0-NCY-20205179W

436. *Spergula rubra* (L.) D.Dietr.
68, Metzeral, Source de l'Ammelthal
N48°01'44.0" E007°00'32.3", 1279m
FR-0-NCY-20185009W

437. *Stellaria nemorum* L.
subsp. *montana* (Pierrat) Berher
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie d'altitude
N48°03'12.2" E007°00'47.4", 1212m
FR-0-NCY-20205107W

Celastraceae

438. *Parnassia palustris* L.
88, La Bresse, Source de la Moselotte
N48°01'47.0" E007°00'03.7", 1207m
FR-0-NCY-20135031W

Cistaceae

439. *Helianthemum nummularium* (L.) Mill.
68, Goldbach-Altenbach, Grand Ballon
N47°53'58.2" E007°05'52.5", 1376m
FR-0-NCY-20145132W

Convolvulaceae

440. *Cuscuta epithymum* (L.) L.
subsp. *epithymum*
68, Luttenbach-près-Munster, Ried
N48°00'20.3" E007°08'06.4", 891m
FR-0-NCY-20195061W

Crassulaceae

441. *Sedum annuum* L.
subsp. *annuum*
88, Gerbamont, Les Plateaux
N47°59'46.0" E006°46'56.3", 843m
FR-0-NCY-20215007W

Ericaceae

442. *Calluna vulgaris* (L.) Hull
68, Metzeral, le Kastelberg
N48°01'16.7" E007°00'25.5", 1295m
FR-0-NCY-20225134W

443. *Calluna vulgaris* (L.) Hull
88, La Bresse, Le Hohneck
N48°02'18.8" E007°00'35.5", 1281m
FR-0-NCY-20195137W

444. *Vaccinium myrtillus* L.
subsp. *myrtillus*
88, Xonrupt-Longemer, Chaume Charlemagne
N48°02'43.0" E007°00'37.7", 1285m
FR-0-NCY-20225053W

445. *Vaccinium myrtillus* L.
subsp. *myrtillus*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.7" E007°00'42.7", 1216m
FR-0-NCY-20215031W

446. *Vaccinium oxycoccos* L.
88, Xonrupt-Longemer, Feignes Charlemagne,
tourbière
N48°03'07.8" E007°00'45.8", 1220m
FR-0-NCY-20175012W

447. *Vaccinium uliginosum* L.
subsp. *uliginosum*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.1" E007°00'43.8", 1220m
FR-0-NCY-20215066W

448. *Vaccinium uliginosum* L.
subsp. *uliginosum*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.7" E007°00'42.7", 1216m
FR-0-NCY-20215045W

449. *Vaccinium vitis-idaea* L.
subsp. *vitis-idaea*
88, Metzeral, col du Herrenberg
N47°58'47.7" E006°59'09.4", 1190m
FR-0-NCY-20225115W

450. *Vaccinium vitis-idaea* L.
subsp. *vitis-idaea*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.7" E007°00'42.7", 1216m
FR-0-NCY-20215046W

Euphorbiaceae

451. *Euphorbia amygdaloides* L.
subsp. *amygdaloides*
67, Urbès, Col des Allemands
N47°52'43.3" E006°54'25.9", 889m
FR-0-NCY-20225026W

Fabaceae

452. *Cytisus scoparius* (L.) Link
88, Le Valtin, Les Hautes Navières
N48°05'32.06" E007°01'24.62", 812m
FR-0-NCY-20205124W

453. *Cytisus scoparius* (L.) Link
88, Le Valtin
N48°06'45.6" E007°02'10.1", 724m
FR-0-NCY-20195036W

454. *Genista sagittalis* L.
subsp. *sagittalis*
68, Sultzeren, Buhrenmattweg
N48°04'40.2" E007°07'59", 645m
FR-0-NCY-20215067W

455. *Genista tinctoria* L.
subsp. *tinctoria*
88, Gerbamont, les Plateaux
N47°59'50.5" E006°47'07.9", 882m
FR-0-NCY-20195081W

456. *Lathyrus linifolius* (Reichard) Bässler
88, La Bresse, Chemin des Chaumes
N48°01'47.2" E007°00'03.3", 1209m
FR-0-NCY-20215017W

457. *Lotus corniculatus* L.
subsp. *corniculatus*
88, Xonrupt-Longemer, bord de la D 430
N48°02'56.4" E007°00'35.3", 1228m
FR-0-NCY-20205182W

458. *Lotus pedunculatus* Cav.
subsp. *pedunculatus*
88, La Bresse, les Varrés
N47°59'29.45" E006°51'32.26", 760m
FR-0-NCY-20225109W

459. *Trifolium medium* L.
68, Murbach, Grand Ballon
N47°54'23.0" E007°06'15.1", 1328m
FR-0-NCY-20165110W

Fagaceae

460. *Castanea sativa* Mill.
67, Dambach, Château du Schoeneck
N49°01'05.5" E007°39'31.24", 340m
FR-0-NCY-20225167W

461. *Fagus sylvatica* L.
68, Soultz-Haut-Rhin, Grand Ballon
N47°54'15.3" E007°06'10.2", 1345m
FR-0-NCY-20145138W

462. *Quercus robur* L.
var. *robur*
88, Ban-sur-Meurthe-Clefcy, Roche des Fées
N48°10'32.11" E006°59'52", 720m
FR-0-NCY-20205187W

Gentianaceae

463. *Gentiana lutea* L.
subsp. *lutea*
88, La Bresse, le Kastelberg
N48°01'37.1" E007°00'33.1", 1254m
FR-0-NCY-20225146W

464. *Gentiana lutea* L.
subsp. *lutea*
88, Xonrupt-Longemer, Chaume Charlemagne
N48°02'43.0" E007°00'37.7", 1285m
FR-0-NCY-20225050W

465. *Gentianella campestris* (L.) Börner
68, Lautenbachzell, Grand Ballon
N47°54'08.0" E007°05'54.1", 1410m
FR-0-NCY-20145139W

466. *Gentianella campestris* (L.) Börner
68, Murbach, Grand Ballon
N47°54'23.3" E007°06'13.9", 1325m
FR-0-NCY-20165112W

Geraniaceae

467. *Geranium robertianum* L.
subsp. *robertianum*
88, Le Valtin, Source de la Meurthe
N48°03'25.8" E007°00'48.2", 1192m
FR-0-NCY-20205125

468. *Geranium sylvaticum* L.
68, Metzeral, le Rainkopf, Pferrey
N48°00'38.9" E006°59'03.9", 1199m
FR-0-NCY-20215059W

469. *Geranium sylvaticum* L.
88, Xonrupt-Longemer, bord de la D 430
N48°02'56.4" E007°00'35.3", 1228m
FR-0-NCY-20225091W

470. *Geranium sylvaticum* L.
88, Xonrupt-Longemer, bord de la D 430
N48°02'56.4" E007°00'35.3", 1228m
FR-0-NCY-20185101W

Grossulariaceae

471. *Ribes petreum* Wulfen
68, Metzeral, le Rainkopf, Pferrey
N48°00'44.5" E006°59'07.5", 1177m
FR-0-NCY-20225082W

Hypericaceae

472. *Hypericum humifusum* L.
67, Sainte-Marie-aux-Mines, Roche des Fées
N48°12'09.1" E007°06'39.0", 912m
FR-0-NCY-20175035W

473. *Hypericum perforatum* L.
var. *perforatum*
88, La Bresse, les Varrés
N47°59'29.45" E006°51'32.26", 760m
FR-0-NCY-20225108W

474. *Hypericum perforatum* L.
var. *perforatum*
88, Xonrupt-Longemer, Lac de Retournemer
N48°03'28.0" E006°59'06.0", 783m
FR-0-NCY-20225147W

Lamiaceae

475. *Ajuga reptans* L.
88, Le Valtin, Source de la Meurthe
N48°03'25.8" E007°00'48.2", 1192m
FR-0-NCY-20205116W

476. *Betonica officinalis* L.
var. *montana* Gaudin
88, La Bresse, Falimont
N48°02'28.3" E007°00'36.5", 1291m
FR-0-NCY-20185104W

477. *Betonica officinalis* L.
var. *montana* Gaudin
88, La Bresse, Kastelberg
N48°01'42.9" E007°00'17.4", 1271m
FR-0-NCY-20215076W

478. *Clinopodium vulgare* L.
subsp. *vulgare*
88, Wisembach, le Château de Faîte
N48°14'42.6" E007°07'56.2", 789m
FR-0-NCY-20185098W

479. *Galeopsis tetrahit* L.
88, Xonrupt-Longemer, Chemin du tramway
N48°03'09.11" E007°00'38.8", 1202m
FR-0-NCY-20215069W

480. *Galeopsis tetrahit* L.
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie
N48°03'09" E07°00'47", 1220m
FR-0-NCY-20205197W

481. *Prunella vulgaris* L.
subsp. *vulgaris*
88, Ban-sur-Meurthe-Clefcy, Défilé de Straiture
N48°06'47.4" E006°57'57.9", 689m
FR-0-NCY-20175025W

482. *Stachys sylvatica* L.
88, Ban-sur-Meurthe-Clefcy, Défilé de Straiture
N48°06'47.4" E006°57'57.9", 689m
FR-0-NCY-20175026W

483. *Teucrium scorodonia* L.
88, Vagney, Moyemont
N48°02'05.3" E006°45'15.9", 841m
FR-0-NCY-20155114W

484. *Teucrium scorodonia* L.
88, Xonrupt-Longemer, bord de la D 67, le
Parigoutte
N48°03'46.9" E006°57'58.4", 753m
FR-0-NCY-20145141W

485. *Thymus pulegioides* L.
var. *pulegioides*
68, Metzeral, Wormspel
N48°01'57.1" E007°00'54.5", 1181m
FR-0-NCY-20225160W

486. *Thymus pulegioides* L.
var. *vestitus* (Lange) Jalas
88, La Bresse, Le Hohneck
N48°02'18.8" E007°00'35.5", 1281m
FR-0-NCY-20225161W

Linaceae

487. *Linum catharticum* L.
var. *catharticum*
68, Lautenbachzell, Grand Ballon
N47°54'08.0" E007°05'54.1", 1410m
FR-0-NCY-20145142W

488. *Linum catharticum* L.
var. *catharticum*
68, Wildenstein, Batteriekopf
N47°59'41.7" E006°58'41.5", 1249m
FR-0-NCY-20225067W

Oleaceae

489. *Fraxinus excelsior* L.
subsp. *excelsior*
88, Xonrupt-Longemer, Lac de Retournemer
N48°03'28.0" E006°59'06.0", 783m
FR-0-NCY-20185128W

Onagraceae

490. *Circaea lutetiana* L.
88, Le Valtin, Roches du Valtin
N48°06'14.5" E007°01'14.6", 998m
FR-0-NCY-20225048W

491. *Epilobium alpestre* (Jacq.) Krock.
88, Xonrupt-Longemer, Feignes Charlemagne,
hêtraie d'altitude
N48°03'12.2" E007°00'47.4", 1212m
FR-0-NCY-20175016W

492. *Epilobium alpestre* (Jacq.) Krock.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'12.2" E007°00'47.4", 1212m
FR-0-NCY-20225074W

493. *Epilobium angustifolium* L.
subsp. *angustifolium*
88, La Bresse, Le Hohneck
N48°02'14.0" E007°00'46.3", 1320m
FR-0-NCY-20215073W

494. *Epilobium angustifolium* L.
subsp. *angustifolium*
88, La Bresse, le Kastelberg
N48°01'37.1" E007°00'33.1", 1254m
FR-0-NCY-20225144W

495. *Epilobium montanum* L.
88, La Bresse, Goutte de la Duchesse
N48°01'46.5" E006°59'37.0", 1157m
FR-0-NCY-20165116W

496. *Epilobium palustre* L.
68, Metzeral, le Rainkopf, Pferrey
N48°00'40.2" E006°59'07.3", 1174m
FR-0-NCY-20135040W

497. *Epilobium palustre* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.1" E007°00'43.8", 1220m
FR-0-NCY-20215035W

Orobanchaceae

498. *Euphrasia officinalis* L.
subsp. *rostkoviana* (Hayne) F.Towns.
68, Metzeral, le Kastelberg
N48°01'17.7" E007°00'24.6", 1290m
FR-0-NCY-20215093W

499. *Euphrasia officinalis* L.
subsp. *rostkoviana* (Hayne) F.Towns.
88, La Bresse, Le Hohneck
N48°02'18.8" E007°00'35.5", 1281m
FR-0-NCY-20165117W

500. *Melampyrum pratense* L.
subsp. *pratense*
88, Le Valtin, Montabey
N48°03'37.1" E007°01'02.3", 1246m
FR-0-NCY-20205126W

501. *Melampyrum sylvaticum* L.
88, Le Valtin, Montabey
N48°03'37.1" E007°01'02.3", 1246m
FR-0-NCY-20205127W

502. *Orobanche caryophyllacea* Sm.
68, Metzeral, Rainkopf, Pferrey
N48°00'41.5" E006°59'08.9", 1159m
FR-0-NCY-20225080W

503. *Orobanche rapum-genistae* Thuill.
88, Le Valtin
N48°06'45.6" E007°02'10.1", 724m
FR-0-NCY-20175028W

504. *Pedicularis sylvatica* L.
subsp. *sylvatica*
88, Gerbamont, Les Plateaux
N47°59'49.4" E006°46'26.4", 782m
FR-0-NCY-20215008W

505. *Rhinanthus minor* L.
88, La Bresse, Le Hohneck
N48°02'14.0" E007°00'46.3", 1320m
FR-0-NCY-20215074W

506. *Rhinanthus minor* L.
88, Xonrupt-Longemer, bord de la D 430
N48°02'55.8" E007°00'33.7", 1228m
FR-0-NCY-20225094W

Oxalidaceae

507. *Oxalis acetosella* L.
88, La Bresse, Goutte de la Duchesse
N48°01'46.5" E006°59'37.0", 1157m
FR-0-NCY-20165118W

508. *Oxalis acetosella* L.
88, Xonrupt-Longemer, Goutte de la Duchesse
N48°01'45.2" E006°59'40.2", 1152m
FR-0-NCY-20215084W

Papaveraceae

509. *Corydalis cava* (L.) Schweigg. & Körte
68, Metzeral, Leibelthal
N48°00'18.0" E006°59'13.2", 963m
FR-0-NCY-20195002W

510. *Corydalis intermedia* (L.) Mérat
88, Xonrupt-Longemer, Chaume du Haut-Chitelet
N48°02'33.0" E007°00'03.4", 1169m
FR-0-NCY-20195004W

511. *Corydalis solida* (L.) Clairv.
subsp. *solida*
88, Xonrupt-Longemer, Lac de Retournemer
N48°03'28.0" E006°59'06.0", 783m
FR-0-NCY-20195003W

Plantaginaceae

512. *Digitalis grandiflora* Mill.
68, Metzeral, Wormspel
N48°02'0.93" E007°00'41.04", 1001m
FR-0-NCY-20225142W

513. *Digitalis purpurea* L.
subsp. *purpurea*
88, Le Valtin, La Combe
N48°04'37.0" E007°00'47.3", 863m
FR-0-NCY-20205232W

514. *Linaria repens* (L.) Mill.
68, Wildenstein, Route des Crêtes, Batteriekopf
N47°59'40.0" E006°58'36.5", 1206m
FR-0-NCY-20145144W

515. *Veronica fruticans* Jacq.
88, La Bresse, Le Hohneck
N48°02'12.4" E007°00'47.6", 1321m
FR-0-NCY-20195140W

516. *Veronica montana* L.
67, Urbès, Col des Allemands
N47°52'43.3" E006°54'25.9", 889m
FR-0-NCY-20225028W

517. *Veronica montana* L.
88, Le Valtin, Source de la Meurthe
N48°03'25.8" E007°00'48.2", 1192m
FR-0-NCY-20205129W

518. *Veronica officinalis* L.
88, Vagney, Moyemont
N48°02'05.3" E006°45'15.9", 841m
FR-0-NCY-20155120W

519. *Veronica serpyllifolia* L.
subsp. *humifusa* (Dicks.) Syme
88, La Bresse, Chaume Firstmiss
N48°01'10.1" E006°59'09.0", 1179m
FR-0-NCY-20195026W

Polygonaceae

520. *Bistorta officinalis* Delarbre
88, Xonrupt-Longemer, Chaume Charlemagne
N48°02'43.1" E007°00'37.7", 1284m
FR-0-NCY-20215030W

521. *Persicaria minor* (Huds.) Opiz
88, Le Valtin
N48°06'45.6" E007°02'10.1", 724m
FR-0-NCY-20175024W

522. *Persicaria mitis* (Schrank) Assenov
88, Gemaingoutte, Col de Sainte-Marie
N48°14'31.3" E007°07'53.8", 773m
FR-0-NCY-20175030W

523. *Rumex acetosella* L.
88, la Bresse, en aval de la Fontaine de la Duchesse
N48°01'46.6" E006°59'56.4", 1191m
FR-0-NCY-20145085W

524. *Rumex acetosella* L.
88, La Bresse, Route des Crêtes (D 430)
48°01'52.6" E007°00'11.3", 1271m
FR-0-NCY-20165120W

525. *Rumex arifolius* All.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'08" E007°00'47", 1218m
FR-0-NCY-20205111W

526. *Rumex arifolius* All.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'08" E007°00'47", 1218m
FR-0-NCY-20225083W

527. *Rumex obtusifolius* L.
subsp. *obtusifolius*
88, Xonrupt-Longemer, bord de la D 430
N48°03'03.7" E007°00'49.7", 1233m
FR-0-NCY-20215058W

528. *Rumex obtusifolius* L.
subsp. *transiens* (Simonk.) Rech.f.
88, La Bresse, Le Rainkopf
N48°00'47.6" E006°59'03.9", 1215m
FR-0-NCY-20215060W

Primulaceae

529. *Lysimachia vulgaris* L.
88, Xonrupt-Longemer, Lac de Retournemer
N48°03'28.0" E006°59'06.0", 783m
FR-0-NCY-20185137W

530. *Primula elatior* (L.) Hill
subsp. *elatior*
68, Metzeral, Wormspel
N48°02'0.93" E007°00'41.04", 1250m
FR-0-NCY-20225155W

531. *Primula elatior* (L.) Hill
subsp. *elatior*
88, Xonrupt-Longemer, bord de la D 430
N48°02'56.4" E007°00'35.3", 1228m
FR-0-NCY-20185088W

Ranunculaceae

532. *Aconitum lycoctonum* L.
subsp. *vulparia* (Koch) Nyman
88, La Bresse, Rainkopf
N48°00'40.7" E006°58'43.2", 1173m
FR-0-NCY-20165121W

533. *Aconitum napellus* L.
subsp. *vulgare* Rouy & Foucaud
68, Metzeral, le Rainkopf, Pferrey
N48°00'38.9" E006°59'01.1", 1251m
FR-0-NCY-20195141W

534. *Aconitum napellus* L.
subsp. *vulgare* Rouy & Foucaud
68, Metzeral, Wormspel
N48°01'57.1" E007°00'54.5", 1181m
FR-0-NCY-20225129W

535. *Actaea spicata* L.
68, Metzeral, le Rainkopf, Pferrey
N48°00'41.1" E006°59'06.7", 1174m
FR-0-NCY-20175066W

536. *Anemone nemorosa* L.
88, Le Tholy, La Rouge Roye
N48°06'10.2" E006°42'16.1", 641m
FR-0-NCY-20195001W

537. *Caltha palustris* L.
var. *palustris*
88, Xonrupt-Longemer, Feignes Charlemagne,
tourbière
N48°03'07.8" E007°00'45.8", 1220m
FR-0-NCY-20225005W

538. *Caltha palustris* L.
var. *palustris*
88, Xonrupt-Longemer, Source de la Vologne
N48°03'00.5" E007°00'40.5", 1240m
FR-0-NCY-20185016W

539. *Pulsatilla scherfelii* (Ullep.) Skalický
88, Xonrupt-Longemer, Chaume Charlemagne
N48°02'43.0" E007°00'37.7", 1285m
FR-0-NCY-20225051W

540. *Ranunculus aconitifolius* L.
88, La Bresse, en aval de la Fontaine de la
Duchesse
N48°01'46.6" E006°59'56.4", 1191m
FR-0-NCY-20205010W

541. *Ranunculus aconitifolius* L.
88, Xonrupt-Longemer, Source de la Vologne
N48°03'00.5" E007°00'40.5", 1240m
FR-0-NCY-20185017W

542. *Ranunculus acris* L.
subsp. *friesianus* (Jord.) Syme
88, Le Valtin, Montabey
N48°03'37.1" E007°01'02.3", 1246m
FR-0-NCY-20205134W

543. *Ranunculus flammula* L.
var. *flammula*
68, Linthal, Oberlauchen
N47°56'37.4" E007°02'20.8", 1103m
FR-0-NCY-20195008W

544. *Ranunculus platanifolius* L.
88, La Bresse, Rainkopf, Welsh Rothenbach
N48°00'38.0" E006°58'39.2", 1195m
FR-0-NCY-20225069W

545. *Ranunculus repens* L.
88, Xonrupt-Longemer, La Grange Mouselaine
N48°03'47.3" E006°57'40.0", 737m
FR-0-NCY-20195006W

546. *Ranunculus serpens* Schrank
88, La Bresse, Chemin des Chaumes
N48°01'47.2" E007°00'03.3", 1209m
FR-0-NCY-20215018W

547. *Ranunculus serpens* Schrank
88, Le Valtin, Montabey
N48°03'37.1" E007°01'02.3", 1246m
FR-0-NCY-20205133W

Rhamnaceae

548. *Frangula alnus* Mill.
subsp. *alnus*
88, La Forge, Roches Chevalières
N48°04'27.4" E006°43'39.2", 694m
FR-0-NCY-20205137W

549. *Frangula alnus* Mill.
subsp. *alnus*
88, Le Tholy, Forêt domaniale de Housseramont
N48°03'30.8" E006°46'27.0", 860m
FR-0-NCY-20225085W

Rosaceae

550. *Alchemilla pallens* Buser
68, Wildenstein, Lawinenrunz
N47°59'41.2" E006°58'35.8", 1181m
FR-0-NCY-20205119W

551. *Aruncus dioicus* (Walter) Fernald
subsp. *dioicus*
88, Xonrupt-Longemer, route de Retourner
N48°03'00.1" E006°59'08.0", 923m
FR-0-NCY-20185138W

552. *Aruncus dioicus* (Walter) Fernald
subsp. *dioicus*
88, Xonrupt-Longemer, route de Retourner
N48°03'00.1" E006°59'08.0", 923m
FR-0-NCY-20175039W

553. *Comarum palustre* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.1" E007°00'43.8", 1220m
FR-0-NCY-20215032W

554. *Comarum palustre* L.
88, Xonrupt-Longemer, Lac de Retourner
N48°03'22.74" E006°59'03.76", 780m
FR-0-NCY-20225139W

555. *Filipendula ulmaria* (L.) Maxim.
subsp. *ulmaria*
68, Metzeral, Wormspel
N48°01'57.1" E007°00'54.5", 1181m
FR-0-NCY-20225145W

556. *Filipendula ulmaria* (L.) Maxim.
subsp. *ulmaria*
88, Xonrupt-Longemer, Lac de Retourner
N48°03'28.0" E006°59'06.0", 783m
FR-0-NCY-20215082W

557. *Fragaria vesca* L.
88, Xonrupt-Longemer, forêt domaniale de Gérardmer
N48°03'39.0" E006°59'41.7", 1052m
FR-0-NCY-20155002W

558. *Geum urbanum* L.
88, Gerbépal, ruisseau de Lourdon
N48°06'47.1" E006°54'42.4", 795m
FR-0-NCY-20195091W

559. *Potentilla neglecta* Baumg.
88, Saint-Etienne-lès-Remiremont
N48°01'02.8" E006°36'43.1", 386m
FR-0-NCY-20165124W

560. *Rubus idaeus* L.
subsp. *idaeus*
88, Xonrupt-Longemer, bord de la D 430
N48°02'56.4" E007°00'35.3", 1228m
FR-0-NCY-20205236W

561. *Rubus idaeus* L.
subsp. *idaeus*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07.4" E007°00'51.7", 1229m
FR-0-NCY-20215040W

562. *Sanguisorba officinalis* L.
68, Wildenstein, Batteriekopf
N47°59'41.7" E006°58'41.5", 1249m
FR-0-NCY-20215056W

563. *Sanguisorba officinalis* L.
88, La Bresse, Kastelberg
N48°01'42.9" E007°00'17.4", 1271m
FR-0-NCY-20215081W

564. *Sorbus aria* (L.) Crantz
68, Metzeral, Ammelthal
N48°01'43.2" E007°00'43.3", 1220m
FR-0-NCY-20215071W

565. *Sorbus aria* (L.) Crantz
68, Sultzeren, Glasborn
N48°04'39.47" E007°07'48.02", 860m
FR-0-NCY-20225122W

566. *Sorbus aucuparia* L.
subsp. *aucuparia*
68, Sultzeren, Glasborn
N48°04'39.47" E007°07'48.02", 860m
FR-0-NCY-20225121W

567. *Sorbus aucuparia* L.
subsp. *aucuparia*
88, Ban-sur-Meurthe-Clefcy, Roche de Rovemont
N48°10'25.09" E007°00'02.10", 758m
FR-0-NCY-20225105W

568. *Sorbus aucuparia* L.
subsp. *aucuparia*
88, La Bresse, Les Bouchaux
N47°59'46.6" E006°53'11.4", 934m
FR-0-NCY-20195029W

569. *Sorbus mougeotii* Soy.-Will. & Godr.
68, Metzeral, Wormspel
N48°01'57.1" E007°00'54.5", 1181m
FR-0-NCY-20225158W

570. *Sorbus mougeotii* Soy.-Will. & Godr.
68, Soultzeren, Glasborn
N48°04'39.47" E007°07'48.02", 860m
FR-0-NCY-20225120W

571. *Sorbus mougeotii* Soy.-Will. & Godr.
88, Ban-sur-Meurthe-Clefcy, Roche des Fées
N48°10'32.11" E006°59'52", 720m
FR-0-NCY-20205184W

Rubiaceae

572. *Galium album* Mill.
68, Lautenbachzell, Grand Ballon
N47°54'09.4" E007°05'55.0", 1411m
FR-0-NCY-20145152W

573. *Galium boreale* L.
68, Wildenstein, Batteriekopf
N47°59'41.7" E006°58'41.5", 1249m
FR-0-NCY-20215051W

574. *Galium odoratum* (L.) Scop.
88, La Bresse, Chemin des Chaumes
N48°01'47.2" E007°00'03.3", 1209m
FR-0-NCY-20195145W

575. *Galium odoratum* (L.) Scop.
88, Xonrupt-Longemer, bord de la D 430
N48°02'56.4" E007°00'35.3", 1228m
FR-0-NCY-20185089W

576. *Galium palustre* L.
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'07" E007°00'43", 1220m
FR-0-NCY-20225077W

577. *Galium rotundifolium* L.
67, Urbès, Steingraben
N47°52'42.7" E006°54'56.2", 769m
FR-0-NCY-20225027W

578. *Galium verum* L.
subsp. *verum*
88, La Bresse, Le Hohneck
N48°02'18.8" E007°00'35.5", 1281m
FR-0-NCY-20195144W

579. *Gallium saxatile* L.
var. *saxatile*
88, Xonrupt-Longemer, Feignes Charlemagne
N48°03'09" E007°00'47", 1215m
FR-0-NCY-20205226W

Sapindaceae

580. *Acer pseudoplatanus* L.
88, Xonrupt-Longemer, Lac de Retourner
N48°03'19.8" E006°59'11.8", 784m
FR-0-NCY-20225128W

Saxifragaceae

581. *Chrysosplenium oppositifolium* L.
88, Xonrupt-Longemer, Grange-Mauselaine
N48°03'49.4" E006°57'38.0", 737m
FR-0-NCY-20225001W

582. *Micranthes stellaris* (L.) Galasso, Banfi & Soldano
subsp. *robusta* (Engl.) Gornall
68, Metzeral, Cirque Ammelthal
N48°01'28.6" E007°00'32.2", 1245m
FR-0-NCY-20185145W

583. *Micranthes stellaris* (L.) Galasso, Banfi & Soldano
subsp. *robusta* (Engl.) Gornall
88, Xonrupt-Longemer, Source de la Vologne
N48°03'00.5" E007°00'40.5", 1240m
FR-0-NCY-20185021W

Scrophulariaceae

584. *Scrophularia nodosa* L.
68, Metzeral, le Kastelberg
N48°01'41.5" E007°00'32.5", 1274m
FR-0-NCY-20135123W

585. *Scrophularia nodosa* L.
88, le Valtin, Chaume de Montabey
N48°03'38.3" E007°01'03.9", 1188m
FR-0-NCY-20225113W

586. *Verbascum lychnitis* L.
88, Wisembach, le Château de Faîte
N48°14'42.6" E007°07'56.2", 789m
FR-0-NCY-20185100W

Thymelaeaceae

587. *Daphne mezereum* L.
subsp. *mezereum*
88, La Bresse, Rainkopf
N48°00'40.7" E006°58'43.2", 1173m
FR-0-NCY-20205120W

Urticaceae

588. *Urtica dioica* L.
68, Metzeral, le Rainkopf, Pferrey
N48°00'40.3" E006°59'06.7", 1186m
FR-0-NCY-20195148W

589. *Urtica dioica* L.
68, Metzeral, Wormspel
N48°01'57.1" E007°00'54.5", 1181m
FR-0-NCY-20225162W

Viburnaceae

590. *Sambucus nigra* L.
88, Gemaingoutte, Col de Sainte-Marie
N48°14'31.3" E007°07'53.8", 773m
FR-0-NCY-20175031W

591. *Sambucus racemosa* L.
subsp. *racemosa*
88, Xonrupt-Longemer, Lac de Retourner
N48°03'31.2" E006°58'58.3", 781m
FR-0-NCY-20205104W

Violaceae

592. *Viola arvensis* Murray
var. *arvensis*
88, La Forge, Roches Chevalières
N48°04'27.4" E006°43'39.2", 694m
FR-0-NCY-20205138W

593. *Viola lutea* Huds.
subsp. *lutea*
88, Xonrupt-Longemer, ancienne voie du Tramway
N48°03'02.7" E007°00'35.4", 1217m
FR-0-NCY-20205185W

594. *Viola lutea* Huds.
subsp. *lutea*
88, Xonrupt-Longemer, bord de la D 430
N48°02'55.8" E007°00'33.7", 1228m
FR-0-NCY-20195015W

595. *Viola lutea* Huds.
subsp. *lutea*
88, Xonrupt-Longemer, point de vue
N48°02'57.3" E007°00'34.7", 1235m
FR-0-NCY-20225054W

596. *Viola palustris* L.
subsp. *palustris*
88, Xonrupt-Longemer, Feignes Charlemagne,
tourbière
N48°03'07.8" E007°00'45.8", 1220m
FR-0-NCY-20225029W

597. *Viola palustris* L.
subsp. *palustris*
88, Xonrupt-Longemer, Feignes Charlemagne,
tourbière
N48°03'07.8" E007°00'45.8", 1220m
FR-0-NCY-20225008W

598. *Viola palustris* L.
subsp. *palustris*
88, Xonrupt-Longemer, Feignes Charlemagne,
tourbière
N48°03'07.8" E007°00'45.8", 1220m
FR-0-NCY-20215019W

***Rosa* du Nord-Est de la France**
***Rosa* from the North East of France**



***Rosa marginata* Wallr.**
Photographie : M. SIMON

Rosaceae

599. *Rosa abietina* Gren. ex Christ
25, Montperreux, le Pré Pucet
N46°49'15.4" E006°20'50.5", 1013m
FR-0-NCY-20225055W

600. *Rosa agrestis* Savi
54, Arnaville, Le Rudemont
N49°01'06.0" E006°01'33.9", 285m
FR-0-NCY-20185154W

601. *Rosa agrestis* Savi
54, Sexey-aux-Forges, Plateau
N48°37'24.36" E006°02'27.7", 304m
FR-0-NCY-20215158W

602. *Rosa agrestis* Savi
55, Troussey, Le Mont
N48°42'34.3" E005°43'17.3", 316m
FR-0-NCY-20185056W

603. *Rosa andegavensis* Bastard
54, Roville-devant-Bayon, Pâquis des Oies
N48°27'49.9" E006°18'33.5", 246m
FR-0-NCY-20215159W

604. *Rosa andegavensis* Bastard
54, Saulxures-lès-Nancy, la Justice
N48°41'35.25" E006°15'17.57", 241m
FR-0-NCY-20225163W

605. *Rosa arvensis* Huds.
88, Domèvre-sur-Durbion, Bois des Evreux
N48°18'30.5" E006°27'59.3", 332m
FR-0-NCY-20225098W

606. *Rosa arvensis* Huds.
88, Les Thons, Bois de la Transaction
N47°58'55.1" E005°51'06.5", 328m
FR-0-NCY-20215063W

607. *Rosa caballicensis* Puget ex Déségl.
88, Socourt, la Crevasse
N48°24'05.4" E006°15'56.4", 261m
FR-0-NCY-20225056W

608. *Rosa canina* L.
s.str.
54, Arnaville, Le Rudemont
N49°01'02.0" E006°01'33.9", 287m
FR-0-NCY-20185155W

609. *Rosa canina* L.
s.str.
57, Saulny, La Côte
N49°09'52.6" E006°06'02.2", 345m
FR-0-NCY-20185093W

610. *Rosa canina* L.
s.str.
88, Circourt-sur-Mouzon, la Corvée
N48°17'58.6" E005°42'40.0", 327m
FR-0-NCY-20225103W

611. *Rosa canina* L.
s.str.
88, La Bresse, le Brabant
N47°59'31.3" E006°51'38.4", 764m
FR-0-NCY-20225111W

612. *Rosa canina* L.
s.str.
88, Le Valtin, le Village
N48°05'46.6" E007°01'16.2", 777m
FR-0-NCY-20225070W

613. *Rosa cf. caesia* Sm.
88, La Bresse, les Corbeaux
N47°59'46.7" E006°53'42.6", 890m
FR-0-NCY-20225165W

614. *Rosa corymbifera* Borkh.
54, Laneuveville-devant-Nancy, La Noue
N48°39'17" E006°14'39", 220m
FR-0-NCY-20205234W

615. *Rosa corymbifera* Borkh.
54, Saulxures-lès-Nancy, la Justice
N48°41'35.25" E006°15'17.57", 241m
FR-0-NCY-20225164W

616. *Rosa corymbifera* Borkh.
54, Sexey-aux-Forges, Plateau
N48°37'25.48" E006°02'25.4", 304m
FR-0-NCY-20215157W

617. *Rosa corymbifera* Borkh.
57, Saulny, La Côte
N49°09'52.4" E006°06'03.2", 345m
FR-0-NCY-20185094W

618. *Rosa corymbifera* Borkh.
88, Domèvre-sur-Durbion, La Mallée
N48°17'44.6" E006°28'25.8", 321m
FR-0-NCY-20225100W

619. *Rosa deseglisei* Boreau
88, Les Thons, Bois le Corbé
N47°58'41.6" E005°51'35.2", 307m
FR-0-NCY-20215061W
620. *Rosa dumalis* Bechst.
54, Pagney-derrière-Barine, Côte Barine
N48°41'23.53" E005°51'46.32", 241m
FR-0-NCY-20225061W
621. *Rosa dumalis* Bechst.
88, La Bresse, le Brabant
N47°59'46.6" E006°53'11.4", 934m
FR-0-NCY-20225112W
622. *Rosa dumalis* Bechst.
88, le Valtin
N48°05'50.8" E007°01'08.8", 793m
FR-0-NCY-20215072W
623. *Rosa dumalis* Bechst.
88, le Valtin
N48°05'50.8" E007°01'08.8", 793m
FR-0-NCY-20215037W
624. *Rosa dumalis* Bechst.
88, Saulxure-sur-Moselotte, le Beu
N47°57'06.0" E006°48'43.0", 490m
FR-0-NCY-20225090W
625. *Rosa elliptica* Tausch
54, Eulmont, Plateau de Malzéville
N48°43'35.0" E006°12'40.7", 383m
FR-0-NCY-20155085W
626. *Rosa elliptica* Tausch
54, Pont-Saint-Vincent, plateau Sainte-Barbe
N48°36'15.4" E006°04'29.6", 386m
FR-0-NCY-20185062W
627. *Rosa glauca* Pourr.
68, Luttenbach-près-Munster, Ried
N48°00'20.3" E007°08'06.4", 891m
FR-0-NCY-20195062W
628. *Rosa gremlii* (Christ) Christ ex Greml
54, Aingeray, A la Goulotte
N48°43'18.94 E005°59'32.62", 224m
FR-0-NCY-20225058W
629. *Rosa marginata* Wallr.
88, Domèvre-sur-Durbion, Bois des Evreux
N48°18'45.4" E006°27'46.8", 339m
FR-0-NCY-20225096W
630. *Rosa micrantha* Borrer ex Sm.
54, Arnville, Le Rudemont
N49°01'07.8" E006°01'33.7", 281m
FR-0-NCY-20185156W
631. *Rosa micrantha* Borrer ex Sm.
54, Pont-Saint-Vincent, plateau Sainte-Barbe
N48°36'15.9" E006°04'44.7", 387m
FR-0-NCY-20185063W
632. *Rosa micrantha* Borrer ex Sm.
88, Circourt-sur-Mouzon, la Corvée
N48°17'58.6" E005°42'40.0", 327m
FR-0-NCY-20225104W
633. *Rosa pendulina* L.
68, Metzeral, le Rainkopf, Pferrey
N48°00'40.2" E006°59'05.7", 1173m
FR-0-NCY-20215054W
634. *Rosa pendulina* L.
68, Wildenstein, Batteriekopf
N47°59'41.7" E006°58'41.5", 1249m
FR-0-NCY-20215052W
635. *Rosa pendulina* L.
88, La Bresse, Chemin des Chaumes
N48°01'47.2" E007°00'03.3", 1209m
FR-0-NCY-20185139W
636. *Rosa pseudoscabriuscula* (R.Keller) Henker & G.M.Schulze
54, Vandoeuvre-lès-Nancy, Brabois, Campus INPL
N48°39'15.5" E006°09'02.5", 364m
FR-0-NCY-20165134W
637. *Rosa pseudoscabriuscula* (R.Keller) Henker & G.M.Schulze
54, Vandoeuvre-lès-Nancy, Brabois, Campus INPL
N48°39'15.8" E006°09'02.3", 365m
FR-0-NCY-20135175W
638. *Rosa pseudoscabriuscula* (R.Keller) Henker & G.Schulze
88, La Bresse, le Brabant
N47°59'49.1" E006°53'06.4", 914m
FR-0-NCY-20225166W
639. *Rosa rubiginosa* L.
54, Arnville, Le Rudemont
N49°01'07.0" E006°01'38.0", 289m
FR-0-NCY-20185095W

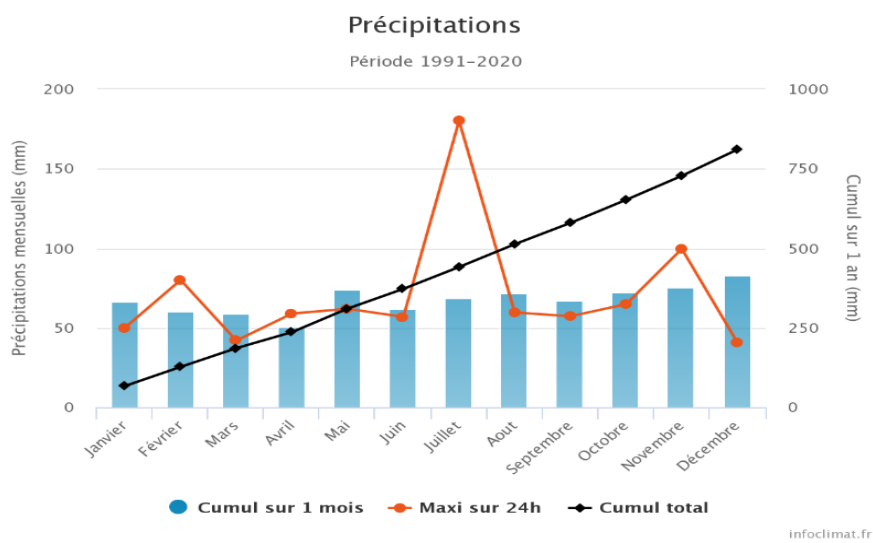
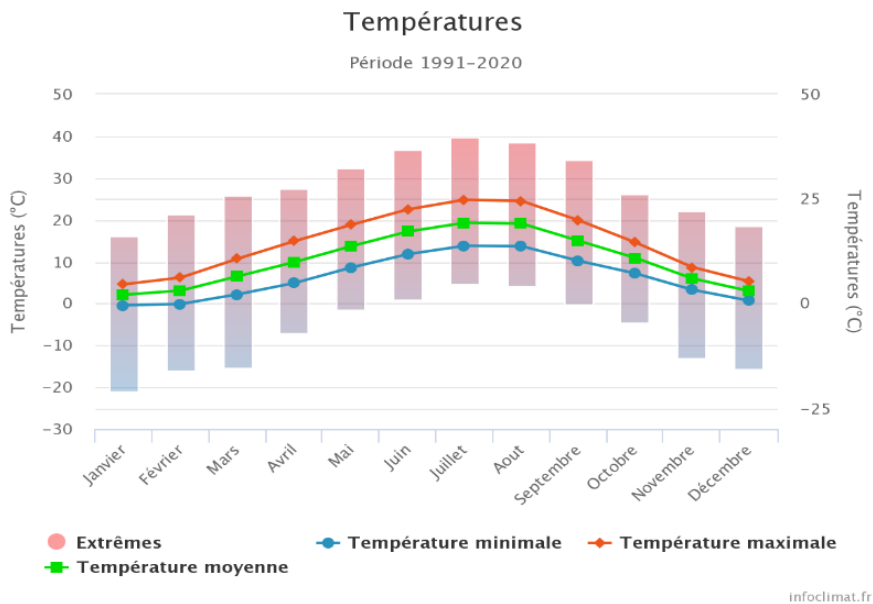
640. *Rosa rubiginosa* L.
54, Essey-lès-Nancy, Butte Sainte-Geneviève
N48°43'01.9" E006°13'28.5", 358m
FR-0-NCY-20185064W
641. *Rosa rubiginosa* L.
54, Eulmont, Plateau de Malzéville
N48°43'35.0" E006°12'40.7", 383m
FR-0-NCY-20155084W
642. *Rosa rubiginosa* L.
57, Saulny, La Côte
N49°09'57.5" E006°05'55.7", 354m
FR-0-NCY-20185157W
643. *Rosa sherardii* Davies
88, Fontenoy-le-Château, Blanches Epines
N48°00'18.6" E006°12'21.5", 285m
FR-0-NCY-20225062W
644. *Rosa spinosissima* L.
subsp. *spinosissima*
54, Pagny-derrière-Barine, Côte Barine
N48°41'23.53" E005°51'46.32", 241m
FR-0-NCY-20225059W
645. *Rosa spinosissima* L.
subsp. *spinosissima*
68, Wildenstein, Batteriekopf
N47°59'41.7" E006°58'41.5", 1249m
FR-0-NCY-20215053W
646. *Rosa stylosa* Desv.
54, Essey-la-Côte, Haut de la Côte
N48°25'23.5" E006°27'26.2", 410m
FR-0-NCY-20225057W
647. *Rosa subcanina* (H.Christ) R.Keller
54, Roville-devant-Bayon, Pâquis des Oies
N48°27'49.9" E006°18'33.5", 246m
FR-0-NCY-20215160W
648. *Rosa tomentella* Léman
54, Pagny-derrière-Barine, Côte Barine
N48°41'17.78" E005°51'38.46", 241m
FR-0-NCY-20225060W
649. *Rosa tomentella* Léman
88, Domèvre-sur-Durbion, Bois des Evreux
N48°18'30.5" E006°27'59.3", 332m
FR-0-NCY-20225099W
650. *Rosa tomentosa* Sm.
s.str.
88, Domèvre-sur-Durbion, Bois des Evreux
N48°18'45.4" E006°27'46.8", 339m
FR-0-NCY-20225097W
651. *Rosa tomentosa* Sm.
s.str.
88, Gruvey-lès-Surancs, Le Chemin de la Mort
N48°01'41.76" E006°10'40.52", 466m
FR-0-NCY-20205233W
652. *Rosa tomentosa* L.
s.str.
88, Les Thons, Bois de la Transaction
N47°58'55.1" E005°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



Données climatologiques sur la période 1991/2020

Climatological data for the period 1991/2020



Couleurs d'automne sur l'arboretum - *Acer triflorum* Kom
Photographie : Guillaume BEGHOURA / JBN

PHANEROGAMAE

GYMNOSPERMAE

Araucariaceae

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

Cupressaceae

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

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

Ginkgoaceae

656. *Ginkgo biloba* L.
XX-0-NCY-19770025G

Pinaceae

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

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

ANGIOSPERMAE

MAGNOLIIDAE

Aristolochiaceae

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

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

Magnoliaceae

661. *Liriodendron tulipifera* L.
XX-0-NCY-19810111G

MONOCOTYLEDONEAE

Amaryllidaceae

662. *Allium angulosum* L.
FR-0-NCY-19860338Z

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

Asparagaceae

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

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

Cyperaceae

666. *Cladium mariscus* (L.) Pohl.
France, Meurthe-et-Moselle
FR-0-NCY-19880513W

Iridaceae

667. *Sisyrinchium montanum* Greene
France, Meurthe-et-Moselle
FR-0-NCY-19937021W

Poaceae

668. *Avena nuda* L.
XX-0-NCY-20110202G
669. *Avena sativa* L.
XX-0-NCY-20100191G
670. *Coix lacryma-jobi* L.
XX-0-NCY-19821275G
671. *Hordeum vulgare* L.
subsp. *vulgare*
XX-0-NCY-20100060G
672. *Lolium temulentum* L.
XX-0-NCY-19821277G
673. *Panicum miliaceum* L.
XX-0-NCY-19960431G
674. *Pleiblastus gramineus* (Bean) Nakai
XX-0-NCY-19951126G
675. *Secale cereale* L.
XX-0-NCY-20100061G
676. *Secale strictum* (C.Presl) Strobl
DE-0-KIEL-2005-8U-40-210
677. *Setaria verticillata* (L.) P.Beauv.
France, Meurthe-et-Moselle
FR-0-NCY-19970057W
678. *Triticum aestivum* L.
XX-0-NCY-20130051G
679. *Triticum monococcum* L.
XX-0-NCY-19821285G

EUDICOTYLEDONEAE

Amaranthaceae

680. *Amaranthus blitum* L.
XX-0-NCY-20150115G
681. *Amaranthus caudatus* L.
XX-0-ULM-1998-F-271
682. *Amaranthus hybridus* L.
subsp. *cruentus* (L.) Thell.
XX-0-NCY-19770554G
683. *Amaranthus retroflexus* L.
XX-0-NCY-20020053G
684. *Beta vulgaris* L.
XX-0-NCY-19780230G
685. *Celosia argentea* L.
var. *plumosa* Voss
XX-0-NCY-19960427G
686. *Chenopodium quinoa* Willd.
XX-0-NCY-19920626G
687. *Gomphrena serrata* L.
XX-0-NCY-19950140G

Apiaceae

688. *Anethum graveolens* L.
XX-0-NCY-19910333G
689. *Apium graveolens* L.
XX-0-NCY-19890525G
690. *Astrantia major* L.
CH-0-NCY-19920229W
691. *Bupleurum fruticosum* L.
FR-0-NCY-19900112W
692. *Bupleurum longifolium* L.
FR-0-NCY-19860565W
693. *Coriandrum sativum* L.
XX-0-NCY-19900066G
694. *Daucus muricatus* (L.) L.
XX-0-NCY-20110757G
695. *Eryngium serra* Cham. & Schltldl.
XX-0-NCY-19940974G

696. *Laser trilobum* (L.) Borkh. ex P.Gaertn.,
B.Mey. & Scher
FR-0-NCY-19850553W

697. *Laserpitium siler* L.
FR-0-NCY-20000205W

698. *Molopospermum peloponnesiacum* (L.) Koch
XX-0-NCY-19860022G

699. *Myrrhis odorata* (L.) Scop.
France, Pyrénées-Orientales
FR-0-NCY-19720974W

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

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

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

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

Araliaceae

704. *Eleutherococcus divaricatus* (Siebold & Zucc.)
S.Y.Hu
Japon, Prefecture de Tochigi
JP-0-NCY-19900282W

Asteraceae

705. *Amberboa moschata* (L.) DC.
Arménie, Province d'Yerevan
AM-0-NCY-20080088W

706. *Aster amellus* L.
France, Moselle
FR-0-NCY-19810826W

707. *Calendula arvensis* L.
France, Lot
FR-0-NCY-19950693W

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

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

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

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

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

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

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

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

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

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

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

719. *Leibnitzia anandria* (L.) Nakai
XX-0-NCY-19950755G

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

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

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

723. *Onopordum acanthium* L.
France, Meurthe-et-Moselle
FR-0-NCY-20000404W

724. *Onopordum illyricum* L.
IT-0-NCY-20080086Z

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

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

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

728. *Senecio sarracenicus* L.
France, Meurthe-et-Moselle
FR-0-NCY-19911337W

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

730. *Sonchus palustris* L.
France, Aisne
FR-0-NCY-19899124W

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

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

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

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

Berberidaceae

735. *Berberis aetnensis* C.Presl
France, Haute-Corse
FR-0-NCY-19940771W

Boraginaceae

736. *Cerintho major* L.
XX-0-NCY-20160119G

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

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

Brassicaceae

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

740. *Brassica rapa* L.
XX-0-ULM-2006-F-18

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

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

743. *Hormathophylla macrocarpa* (DC.) P. K pfer
FR-0-NCY-19830185Z

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

745. *Isatis tinctoria* L.
France, Haut-Rhin
FR-0-NCY-19960052W

746. *Sinapis arvensis* L.
France, Meurthe-et-Moselle
FR-0-NCY-19990043W

Campanulaceae

747. *Campanula alliariifolia* Willd.
Arm nie
AM-0-NCY-19860180W

Cannabaceae

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

Caprifoliaceae

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

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

751. *Scabiosa colombaria* L.
subsp. *pratensis* (Jordan) Br.-Bl.
France, Meurthe-et-Moselle
FR-0-NCY-20130534W

Caryophyllaceae

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

753. *Gypsophila oldhamiana* Miq.
CN-0-NCY-19941230Z

754. *Gypsophila paniculata* L.
XX-0-MJG-19-43900

755. *Silene bupleuroides* L.
subsp. *staticifolia* (Sibth. & Sm.) Chowdhuri
GR-0-NCY-19960780Z

Cistaceae

756. *Fumana procumbens* (Dun.) Gren. & Godr.
France, Haut-Rhin
FR-0-NCY-20050391W

757. *Helianthemum nummularium* (L.) Mill.
subsp. *nummularium*
France, Haut-Rhin
FR-0-NCY-20050356W

Convolvulaceae

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

Coriariaceae

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

Crassulaceae

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

Cucurbitaceae

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

Datisceae

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

Ericaceae

763. *Erica tetralix* L.
Portugal, Santiago do Cacém
PT-0-NCY-19970487W

764. *Vaccinium angustifolium* Aiton
var. *laevifolium* House
Etats-Unis, Massachusetts
US-0-NCY-19860579W

Euphorbiaceae

765. *Euphorbia lathyris* L.
France, Meurthe-et-Moselle
FR-0-NCY-19820569W

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

Fabaceae

767. *Genista horrida* (Vahl) DC.
Espagne, Povice de Huesca
ES-0-NCY-19960773W

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

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

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

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

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

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

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

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

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

Gentianaceae

777. *Gentiana cruciata* L.
XX-0-NCY-19890260G

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

Geraniaceae

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

Hypericaceae

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

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

Lamiaceae

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

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

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

785. *Mentha pulegium* L.
France, Meurthe-et-Moselle
FR-0-NCY-19957064W

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

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

788. *Prunella hastifolia* Brot.
Espagne, Catalogne
ES-0-M-1980/2258

789. *Salvia forskahlei* L.
XX-0-NCY-19900191G

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

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

792. *Stachys alpina* L.
France, Pyrénées
FR-0-NCY-19890112W

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

Lardizabalaceae

794. *Akebia quinata* (Houtt.) Decne.
France, Meurthe-et-Moselle
FR-0-NCY-19780719W

795. *Decaisnea fargesii* Franch.
XX-0-NCY-19780720G

Linaceae

796. *Linum tenuifolium* L.
France, Haut-Rhin
FR-0-NCY-20050388W

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

Malvaceae

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

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

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

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

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

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

804. *Modiola caroliniana* G. Don
XX-0-NCY-20110284G

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

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

Nothofagaceae

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

Nyctaginaceae

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

Onagraceae

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

Paeoniaceae

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

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

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

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

814. *Paeonia officinalis* L.
France, Hérault
FR-0-NCY-19880039W

815. *Paeonia officinalis* L.
subsp. *microcarpa* Nyman
France, Hérault
FR-0-NCY-19900570W

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

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

Papaveraceae

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

819. *Chelidonium majus* L.
var. *laciniatum* (Mill.) Syme
XX-0-NCY-19900320G

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

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

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

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

Pedaliaceae

824. *Sesamum indicum* L.
XX-0-NCY-20130476

Penthoraceae

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

Plantaginaceae

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

827. *Digitalis lutea* L.
France, Meurthe-et-Moselle
FR-0-NCY-19821234W

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

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

830. *Plantago bellardii* All.
subsp. *bellardii*
France, Vars (83)
FR-0-NCY-20110470W

831. *Plantago coronopus* L.
France, Manche
FR-0-NCY-19970023W

832. *Veronica longifolia* L.
XX-0-NCY-19930650G

Polemoniaceae

833. *Polemonium caeruleum* L.
France, Doubs
FR-0-NCY-19860566W

Polygonaceae

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

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

Portulacaceae

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

Primulaceae

837. *Samolus valerandi* L.
FR-0-NCY-20110798Z

Ranunculaceae

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

839. *Ranunculus arvensis* L.
France, Moselle
FR-0-NCY-19990001W

840. *Thalictrum aquilegifolium* L.
France, Jura
FR-0-NCY-19848047W

841. *Thalictrum minus* L.
subsp. *saxatile* Ces.
France, Haut-Rhin
FR-0-NCY-20050384W

Rosaceae

842. *Amelanchier ovalis* Medik.
France, Meurthe-et-Moselle
FR-0-NCY-19927029W

843. *Cotoneaster afghanicus* G.Klotz
Afghanistan
AF-0-NCY-19761005W

844. *Cotoneaster taomensis* G.Klotz
XX-0-NCY-19950617G

845. *Cotoneaster taylorii* T.T.Yu
XX-0-NCY-19960571G

846. *Crataegus arnoldiana* Sarg.
XX-0-NCY-19730485G

847. *Crataegus mollis* (Torr. & A.Gray) Scheele
US-0-NCY-19830114Z

848. *Filipendula vulgaris* Moench
Russie
RU-0-NCY-19810790W

849. *Geum hispidum* Fr.
France, Pyrénées-Orientales
FR-0-NCY-19927025W

850. *Potentilla chinensis* Ser.
XX-0-NCY-19918158G

851. *Potentilla crantzii* (Crantz) Beck ex Fritsch
subsp. *saxatilis* (Boulay) Sojak
France, Vosges
FR-0-NCY-20057012W

852. *Potentilla intermedia* L.
XX-0-NCY-19700706G

853. *Potentilla pedata* Willd. ex Hornem.
GR-0-NCY-19921015Z

854. *Potentilla pennsylvanica* L.
Etats-Unis, Alaska
US-0-NCY-19921012W

855. *Prunus brigantina* Vill.
France, Hautes-Alpes
FR-0-NCY-19750975W

856. *Rhodotypos scandens* (Thunb.) Makino
XX-0-NCY-19680159G

857. *Rosa beggeriana* Schrenk
XX-0-NCY-19870772G

858. *Rosa davurica* Pall.
XX-0-NCY-19870315G

859. *Rosa marginata* Wallr.
France, Moselle
FR-0-NCY-19880138W

860. *Rosa palustris* R.S.Marsh
Etats-Unis, Michigan
US-0-NCY-19880741W

861. *Rosa pisocarpa* A.Gray
XX-0-NCY-19921415G

862. *Rosa pygmaea* M.Bieb.
Ukraine, Crimée
UA-0-NCY-19860599W

863. *Rosa sherardii* Davies
Finlande,
FI-0-NCY-19840503W

864. *Rosa sicula* Tratt.
XX-0-NCY-19880425G

865. *Rosa tomentosa* Sm.
France, Haut-Rhin
FR-0-NCY-19830402W

866. *Rosa woodsii* Lindl.
Canada, Alberta
CA-0-NCY-19730314W

867. *Sibbaldia cuneata* Hornem. ex Kuntze
XX-0-NCY-19890113G

868. *Sorbus alnifolia* (Siebold & Zucc.) K.Koch
XX-0-NCY-19790554G

869. *Sorbus americana* Marshall
Canada, Ontario
CA-0-NCY-19750897W

870. *Sorbus bristoliensis* Willmott
XX-0-NCY-19960976G

Rubiaceae

871. *Cephalanthus occidentalis* L.
Etats-Unis, Kentucky
US-0-NCY-19890269W

Rutaceae

872. *Dictamnus albus* L.
XX-0-NCY-19820907G

873. *Ruta graveolens* L.
XX-0-NCY-19800623G

Sapindaceae

874. *Cardiospermum halicacabum* L.
CN-0-NCY-20090106W

Scrophulariaceae

875. *Alonsoa meridionalis* (L.f.) Kuntze
XX-0-NCY-20000608G

876. *Buddleja japonica* Hemsl.
XX-0-NCY-19930493G

Solanaceae

877. *Datura stramonium* L.
XX-0-NCY-19821269G

878. *Hyoscyamus niger* L.
XX-0-NCY-19890265G

879. *Nicandra physalodes* (L.) Gaertn.
XX-0-NCY-20010533G

880. *Nicotiana alata* Link & Otto
XX-0-NCY-19960293G

881. *Nicotiana rustica* L.
XX-0-NCY-20020245G

882. *Nicotiana tabacum* L.
XX-0-NCY-19970658G

883. *Physalis alkekengi* L.
XX-0-NCY-19830649G

884. *Solanum heterodoxum* Dunal ex DC.
XX-0-NCY-19950001G

885. *Solanum rostratum* Dunal
XX-0-STGAL-83/2000

Staphyleaceae

886. *Staphylea bumalda* (Thunb.) DC.
XX-0-NCY-19890656G

Styracaceae

887. *Pterostyrax corymbosus* Siebold & Zucc.
XX-0-NCY-19800405G

Tropaeolaceae

888. *Tropaeolum majus* L.
XX-0-NCY-20080239G

Viburnaceae

889. *Viburnum burejaeticum* Regel & Herder
XX-0-NCY-19810169G

890. *Viburnum macrocephalum* Fort.
XX-0-NCY-19910749G

SPORAE ET SEMINA E PLANTIS IN HORTO BOTANICO ALPINO CULTIS

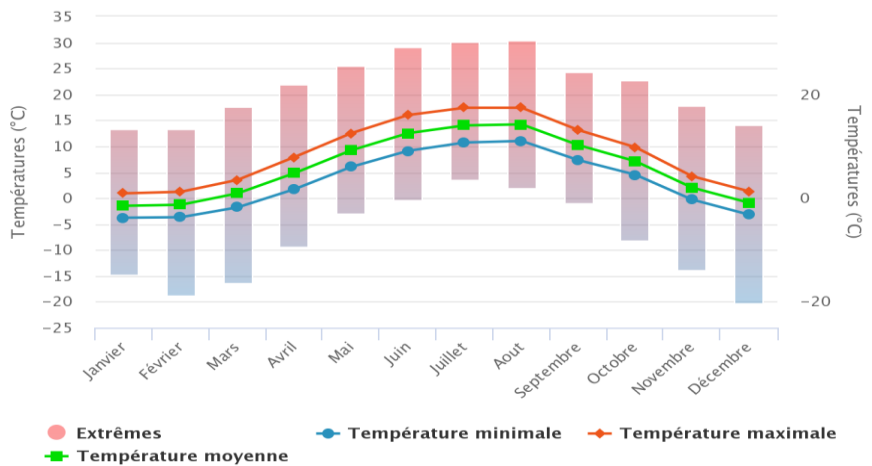
Spores ou semences de plantes récoltées au
Jardin d'Altitude du Haut Chitelet

Spores or seeds from plants collected in the
Haut Chitelet Alpine Garden

Latitude : 48° 03' N
Longitude : 7° 01' E
Altitude : 1210-1228 m

Températures à MARKSTEIN CRETE

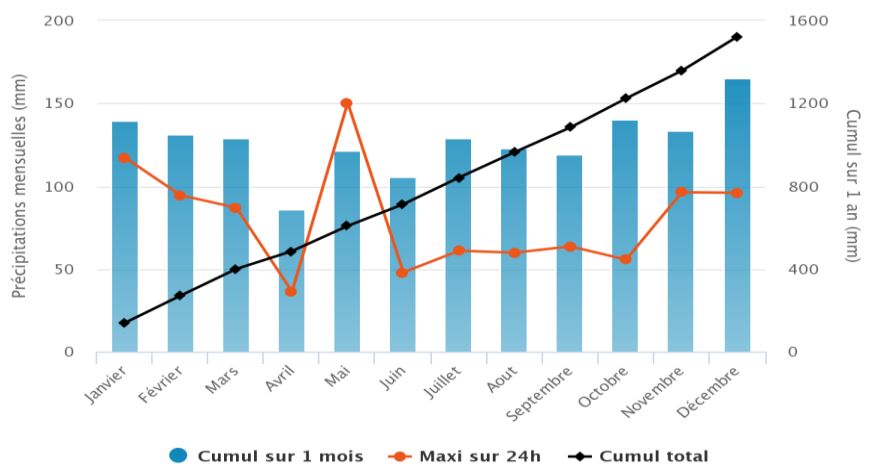
Période 1981-2010



Infoclimat.fr

Précipitations à MARKSTEIN CRETE

Période 1981-2010



Infoclimat.fr

Données climatologiques sur la période 1981/2010
Climatological data for the period 1981/2010



Jardin d'Altitude du Haut Chitelet, Feignes Charlemagne

Photographie : Philippe CHAUVET / JBN

PTERIDOPHYTA

Blechnaceae

891. *Austroblechnum penna-marina* (Poir.) Gasper & V.A.O.Dittrich
subsp. *alpina* (R.Br.) S.Jess. & L.Lehm
XX-0-NCY-20118297G

Pteridaceae

892. *Cryptogramma crispa* (L.) R.Br.
subsp. *crispa*
France, Pyrénées-Orientales, Lac de Lanoux
FR-0-NCY-19758136W

PHANEROGAMAE

GYMNOSPERMAE

Pinaceae

893. *Abies procera* Rehder
US-0-NCY-19820803Z

894. *Larix kaempferi* (Lamb.) Carrière
Japon, Hokkaido
JP-0-NCY-19740340W

ANGIOSPERMAE

MONOCOTYLEDONEAE

Amaryllidaceae

895. *Allium beesianum* W.W.Sm.
XX-0-NCY-20098160G

896. *Allium cernuum* Roth
Canada
CA-0-LAU-PdN202532

897. *Allium narcissiflorum* Vill.
France, Provence
FR-0-NCY-20118202W

898. *Allium prattii* C.H.Wright
Chine, Yunnan, Zhongdian
CN-0-NCY-20058107W

899. *Allium victorialis* L.
France, Haute-Loire, Mont Mézenc, 1750m
FR-0-NCY-19768277W

900. *Narcissus poeticus* L.
subsp. *radiiflorus* (Salisb.) Baker
France, Hautes-Alpes, Lautaret, 2100 m
FR-0-NCY-19848028W

Asparagaceae

901. *Maianthemum racemosum* (L.) Link
USA, Michigan, Rose Lake bog, 256 m
US-0-NCY-20098106W

902. *Paradisea liliastrum* (L.) Bertol.
France, Savoie, Bonneval-sur-Arc
FR-0-NCY-19700414W

903. *Tractema lilio-hyacinthus* (L.) Speta
France, Pyrénées
FR-0-NCY-19788165W

Cyperaceae

904. *Carex baldensis* L.
Italie, Monte Baldo
IT-0-TUEB-975

905. *Carex dallii* Kirk
Nouvelle-Zélande, South Island, W. of Fox Glacier
Township
NZ-0-FRP-21845

906. *Carex talbotii* Kottaim
XX-0-NCY-20088064G

Iridaceae

907. *Crocus vernus* (L.) Hill
France, Jura
FR-0-NCY-19778463W

908. *Iris hookeri* Penny ex G.Don.
Canada, Québec, Les Escoumins, 1m
CA-0-NCY-20168174W

909. *Iris laevigata* Fisch.
Russie, Extrême Orient, Ile Kunaschir
RU-0-NCY-19918002W

910. *Iris latifolia* (Mill.) Voss
France, Pyrénées, Pic de Céciré, 1600 m
FR-0-NCY-19890105W

911. *Iris setosa* Pall. ex Link
Russie, Iles Kouriles
RU-0-NCY-19660217W

912. *Iris versicolor* L.
Saint-Pierre-et-Miquelon
PM-0-NCY-19988192W

913. *Sisyrinchium montanum* Greene
USA, Massachusetts, Northampton Hospital Hill
US-0-NCY-20108165W

Liliaceae

914. *Erythronium oregonum* Applegate
US-0-NCY-20098157Z

915. *Lilium apertum* Franch.
XX-0-NCY-20118437G

916. *Lilium lophophorum* (Bureau & Franch.)
Franch.
CN-0-NCY-20098066Z

917. *Lilium pumilum* Redouté
Russie, Primorsky Krai, Nakhodka
RU-0-NCY-20098003W

918. *Lilium pyrenaicum* Gouan
France, Pyrénées-Orientales, Val d'Eyne, 1700m
FR-0-NCY-19758177W

919. *Lilium taliense* Franch.
XX-0-NCY-20138502G

920. *Streptopus amplexifolius* (L.) DC.
France, Vosges, Schmargult, 1200 m
FR-0-NCY-19988283W

921. *Tulipa sylvestris* L.
subsp. *sylvestris*
France, Bas-Rhin, Barr
FR-0-NCY-19878438W

Melanthiaceae

922. *Veratrum maackii* Regel
var. *parviflorum* (Maxim. ex Miq.) H.Hara
XX-0-NCY-20028069G

Poaceae

923. *Patzkea paniculata* (L.) G.H.Loos
subsp. *paniculata*
France, Hautes-Alpes, Le Lautaret, 2100 m
FR-0-NCY-19878044W

924. *Stipa eriocalis* Borbás
subsp. *eriocalis*
Italie, Valle d'Aosta, Tsaplana, 2200m
IT-0-NCY-19998140W

Tofieldiaceae

925. *Tofieldia calyculata* (L.) Wahlenb.
Italie, Lombardia, Boscopiano Valdidentro, 1500 m
IT-0-NCY-20098220W

Zingiberaceae

926. *Roscoea cautleyoides* Gagnep.
XX-0-TUEB-3933

EUDICOTYLEDONEAE

Apiaceae

927. *Bupleurum petraeum* L.
Autriche, Karawanken, Seeberg Sattel
AT-0-NCY-20108073W

928. *Chaerophyllum argenteum* (Hook.f.)
K.F.Chung
XX-0-NCY-20118294G

929. *Eryngium alpinum* L.
France, Savoie
FR-0-NCY-19680943W

930. *Eryngium bourgatii* Gouan
subsp. *bourgatii*
France, Pyrénées-Orientales, Llo
FR-0-NCY-19838143W

931. *Eryngium glaciale* Boiss.
XX-0-NCY-20118473G

932. *Ligusticum lucidum* Mill.
XX-0-NCY-20098070G

933. *Myrrhis odorata* (L.) Scop.
Croatie
HR-0-NCY-19720961W

Asteraceae

934. *Achillea clavennae* L.
Autriche, Raxalpe, 2000m
AT-0-NCY-19720240W

935. *Achillea erba-rotta* All.
subsp. *ambigua* (Heimerl) I.Richardson
Italie, Val di Cogne, 2400m
IT-0-NCY-20068280W
936. *Anaphalis nepalensis* (Spreng.) Hand.-Mazz.
Népal, Samdo, 3800m
NP-0-IB-013633
937. *Antennaria plantaginifolia* (L.) Hook.
XX-0-NCY-19620712G
938. *Artemisia umbelliformis* Lam.
Italie, Cogne
IT-0-NCY-20068033W
939. *Aster alpinus* L.
subsp. *alpinus*.
Italie, Lombardia, Passo Foscagno, 1900-2100 m
IT-0-NCY-20138044W
940. *Athrix 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.)
941. *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.)
942. *Berkheya purpurea* (DC.) Mast.
Afrique du Sud, Drakensberg
ZA-0-IB-006457
943. *Celmisia semicordata* Petrie
subsp. *semicordata*
NZ-0-NCY-20128513Z
944. *Celmisia viscosa* Hook.f.
XX-0-NCY-20118455G
945. *Cotula hispida* (DC.) Harv.
XX-0-NCY-20168183G
946. *Cotula socialis* Hilliard
Lesotho, Mokhotlong, Letseng-La-Terae, 3127m
LS-1-M-2010/2030
(If descendants of this accession are given to third parties,
Munich Botanic Garden (indexsem@snsb.de) has to be
informed.)
947. *Crepis aurea* (L.) Cass.
subsp. *aurea*
France, Hautes-Alpes, Lautaret
FR-0-NCY-19928105W
948. *Crepis pygmaea* L.
CH-0-NCY-20188077Z
949. *Erigeron aurantiacus* Regel
XX-0-NCY-201668181G
950. *Erigeron caucasicus* Steven
Géorgie, Racha-Lechkhumi, 1400 m
GE-0-NCY-20098067W
951. *Helichrysum albobrunneum* S.Moore
Lesotho, Mafika Lisiu Pass, 3090m
LS-1-M-2007/0796
(If descendants of this accession are given to third parties,
Munich Botanic Garden (indexsem@snsb.de) has to be
informed.)
952. *Helichrysum milfordiae* Killick
XX-0-NCY-19838156G
953. *Hieracium alpinum* L.
Slovaquie, Vysoké Tatry, Biolovodska dolina
SK-0-NCY-19918072W
954. *Hypochaeris maculata* L.
France, Haut-Rhin, Le Grand Ballon, 1350m
FR-0-NCY-19880530W
955. *Hypochaeris uniflora* Vill.
Autriche, Kärnten, Schoberriegel, 2300 m
AT-0-NCY-20038043W
956. *Jacobaea adonidifolia* (Loisel.) Pelsér &
Veldkamp
France, Haute-Loire, Saint-Bonnet le Froid, 1100 m
FR-0-NCY-19768275W
957. *Leontopodium nivale* (Ten.) A.Huet ex Hand.-
Mazz.
subsp. *alpinum* (Cass.) Greuter
Autriche, Raxalpe, Schneeberg, 1700-2000 m
AT-0-NCY-20128160W
958. *Leptinella albida* (D.G.Lloyd) D.G.Lloyd &
C.J.Webb
Nouvelle-Zélande
NZ-0-M-2005/1699
959. *Leucogenes leontopodium* (Hook.f.) Beauverd
XX-0-NCY-20138379G

960. *Ligularia calthifolia* Maxim.
Russie, Primorsk region, Golets Mt, 1550 m
RU-0-NCY-20058066G

961. *Ligularia cymbulifera* (W.W.Sm.) Hand.-Mazz.
Chine, Yunnan, Zhongdian
CN-0-NCY-20058128W

962. *Ligularia dictyoneura* (Franch.) Hand.-Mazz.
Chine, Yunnan, Lijiang, 3372 m
CN-0-NCY-20128305W

963. *Ligularia fischeri* (Ledeb.) Turcz.
République de Corée, Mt. Halla, 1500m
KR-0-NCY-20078076W

964. *Ligularia latihastata* Hand.-Mazz.
Chine, Yunnan, Zhongdian, 3029 m
CN-0-NCY-20128306W

965. *Pentanema orientale* (Lam.) D.Gut.Larr.,
Santos-Vicente, Anderb., E.Rico & M.M.Mart.Ort.
Russie, Caucase, Alibek valley, 1800 m
RU-0-NCY-20098200W

966. *Saussurea iodostegia* Hance
Chine, Shaanxi, Taibai Shan, 3400 m
CN-0-NCY-20098168W

967. *Solidago multiradiata* Aiton
USA, Washington, Skyline Divide, 2042 m
US-0-NCY-20138165W

Brassicaceae

968. *Arabis androsacea* Fenzl
XX-0-NCY-19768313G

969. *Erysimum majellense* Polatschek
Italie, Provincia di Chieti, Fara San Martino, 1850m
IT-0-NCY-20178021W

Campanulaceae

970. *Campanula excisa* Schleich. ex Murith
Suisse, Valais
CH-0-NCY-19690435W

971. *Campanula ledebouriana* Trautv.
Arménie, Sevan Range, 3200m
AM-0-NCY-20078047W

972. *Campanula rhomboidalis* L.
France, Ain, Crêt de la Neige, 1700m
FR-0-NCY-19741080W

973. *Campanula saxifraga* M.Bieb.
XX-0-NCY-19701044G

974. *Campanula thyrsoides* L.
subsp. *carniolica* (Sünd.) Podlech
Autriche, Kärnten, Eisenkappel Vellach, 1070 m
AT-0-NCY-20148012W

975. *Campanula thyrsoides* L.
subsp. *thyrsoides*
Suisse, Grisons, Motta Naluns, 2130 m
CH-0-STGAL20030

976. *Codonopsis clematidea* (Schrenk) C.B.Clarke
XX-0-NCY-19968126G

977. *Codonopsis subscaposa* Kom.
XX-0-NCY-20128101G

978. *Cyananthus microphyllus* Edgew.
XX-0-NCY-19770473G

979. *Edraianthus graminifolius* (L.) A.DC. ex Meisn.
subsp. *graminifolius*
Italie, Appennino, Corno Grande, 2200 m
IT-0-NCY-20038219W

980. *Edraianthus niveus* Beck.
XX-0-NCY-20118472G

981. *Phyteuma confusum* A.Kern.
Autriche, Steiermark, Lindersee, 2060 m
AT-0-NCY-20138007W

982. *Phyteuma hemisphaericum* L.
Autriche, Kärnten, Turracher Wald, 2000-2400 m
AT-0-NCY-19720365W

983. *Phyteuma orbiculare* L.
var. *alpestre* Kirschleger
France, Haut-Rhin, Le Grand Ballon
FR-0-NCY-19878439W

984. *Phyteuma vagneri* A.Kern.
Roumanie, Tarcu, Hunedoara
RO-0-REYK-2007/001

Caprifoliaceae

985. *Lonicera alpigena* L.
subsp. *alpigena*
France, Savoie, 1500 m
FR-0-NCY-19731144W

986. *Lonicera pyrenaica* L.
subsp. *pyrenaica*
France, Pyrénées
FR-0-NCY-19700568W

987. *Patrinia gibbosa* Maxim.
JP-0-NCY-19730909Z

988. *Scabiosa columbaria* L.
subsp. *banatica* (Waldst. & Kit.) Diklic
Roumanie, Muntele, Piatra Craiului
RO-0-NCY-19720465W

Caryophyllaceae

989. *Arenaria aggregata* (L.) Loisel.
subsp. *oscensis* (Pau) Greuter & Burdet
Espagne, Pyrénées, Pena de Oroel
ES-0-M-2011/1778

990. *Arenaria tetraquetra* L.
Espagne, Sierra Nevada, 3000m
ES-0-NCY-19748279W

991. *Cerastium tomentosum* L.
Italie, Gran Sasso, Albergo di C. Imperatore, 2000m
IT-0-NCY-20068170W

992. *Dianthus alpinus* L.
Autriche, Raxalpe, Schneeberg, 1700-2000 m
AT-0-NCY-20128159W

993. *Dianthus glacialis* Haenke
subsp. *glacialis*
XX-0-NCY-20108250G

994. *Dianthus microlepis* Boiss.
BG-0-NCY-20038131Z

995. *Dianthus pungens* L.
subsp. *ruscionensis* (Boiss.) M.Bernal, Laínz &
Muñoz Garm.
Espagne, Sierra Nevada
ES-0-NCY-19858036W

996. *Dianthus seguieri* Vill.
subsp. *pseudocollinus* (P.Fourn.) Jauzein
France, Aveyron, Laguiole, 1200m
FR-0-NCY-19878066W

997. *Dianthus superbus* L.
subsp. *alpestris* (Uechtr.) Celak
France, Haut-Rhin, Petit Ballon, 1250m
FR-0-NCY-20028026W

998. *Drypis spinosa* L.
subsp. *spinosa*
Italie, Provincia di Rieti, Monte Terminillo, 2100m
IT-0-B-2427588

999. *Eremogone dianthoides* (Sm.) Ikonn.
Russie, Karatchaïévo-Tcherkessie, Mussa-Achitara,
2500-2900m
RU-0-GB-2011-1806

1000. *Eremogone festucoides* (Benth.) Pusalkar &
D.K.Singh
XX-0-NCY-20118463G

1001. *Eremogone kansuensis* (Maxim.) Dillenb. &
Kadereit
CN-0-NCY-20118485Z

1002. *Saponaria lutea* L.
Italie, Alpes Graies, 2200 m
IT-0-NCY-19700453W

1003. *Saponaria pumila* Janch.
Autriche, Kärnten, Hohe Tauern, 2300 m
AT-0-NCY-19848054W

1004. *Silene boryi* Boiss.
Espagne, Sierra Nevada, 2700 m
ES-0-NCY-19988124W

1005. *Silene davidii* (Franch.) Oxelman & Lidén
Chine, Sichuan, Zhedou Shan, 4340m
CN-0-M-2008/0703

1006. *Silene flos-jovis* (L.) Greuter & Burdet
France, Savoie, Brassans, 1700 m
FR-0-NCY-19690352W

1007. *Silene vallesia* L.
subsp. *vallesia*
Italie, Valle d'Aosta, Gran Paradiso
IT-0-NCY-19731206W

1008. *Silene waldsteinii* Griseb.
Grèce, Kalo Nero Mts., Nomos Florinis, 1800 m
GR-0-B-2529690

Crassulaceae

1009. *Prometheum pilosum* (M.Bieb.) H.Ohba
XX-0-NCY-20128578G

Ericaceae

1010. *Gaultheria depressa* Hook.f.
Nouvelle-Zélande
NZ-0-NCY-20128538W
1011. *Gaultheria pyroloides* Hook.f. & Thomson ex
Miq.
XX-0-NCY-19670219G
1012. *Gaultheria trichophylla* Royle
Chine, Tibet, Galung La
CN-0-NCY-20118103W
1013. *Phyllodoce aleutica* (Sprenger) A.Heller
XX-0-NCY-19768172G
1014. *Rhododendron camtschaticum* Pall.
XX-0-NCY-20098251G
1015. *Rhododendron caucasicum* Pall.
Russie, Caucase
RU-0-NCY-19620214W
1016. *Rhododendron ferrugineum* L.
France, Haute-Savoie, 1800m
FR-0-NCY-19788209W
1017. *Rhododendron myrtifolium* Schott. &
Kotschy
RO-0-NCY-20128259Z
1018. *Rhodothamnus chamaecistus* (L.) Rchb.
XX-0-NCY-20128579G

Fabaceae

1019. *Anthyllis vulneraria* L.
subsp. *alpestris* (Schult.) Asch. & Graebn.
Italie, Valdidentro, Passo di Alpisella, 2300m
IT-0-NCY-20168091W
1020. *Cytisus emeriflorus* Rchb.
Italie, Lombardia, Alpes Bergamasques, 1500 m
IT-0-NCY-19700446W
1021. *Cytisus pygmaeus* Willd.
XX-0-NCY-20108201G
1022. *Genista anglica* L.
France, Pyrénées-Orientales, Les Bouillouses
FR-0-NCY-19710427W

1023. *Genista hispanica* L.
subsp. *occidentalis* Rouy
Espagne, Provincia de León, Cordillera Cantabrica,
1500 m
ES-0-B-0017575
1024. *Genista scorpius* (L.)DC.
France, Pyrénées-Orientales, Val d'Eyne, 1600m
FR-0-NCY-19758221W
1025. *Laburnum alpinum* (Mill.) Bercht. & J.Presl
France, Jura
FR-0-NCY-19758128W
1026. *Oxytropis campestris* (L.)DC.
subsp. *campestris*
Suisse, Valais, Vallée du Grand Saint Bernard
CH-0-G-20090646
1027. *Oxytropis halleri* W.D.J. Koch
subsp. *halleri*
Italie, Nauders, 2000m
IT-0-IB-003368
1028. *Trifolium alpinum* L.
Suisse
CH-0-NCY-19700535W
1029. *Trifolium rubens* L.
France, Jura, Mont Poupet
FR-0-NCY-20118447W

Gentianaceae

1030. *Gentiana acaulis* L.
France, Pyrénées-Orientales, Lac de Lanoux,
2200m
FR-0-NCY-19758147W
1031. *Gentiana alpina* Vill.
France, Pyrénées
FR-0-NCY-19690267W
1032. *Gentiana asclepiadea* L.
Suisse, St. Gallen
CH-0-NCY-19660199W
1033. *Gentiana burseri* Lapeyr.
subsp. *burseri*
France, Ariège
FR-0-NCY-19740848W
1034. *Gentiana dinarica* (Beck) Beck
Italie, Gran Sasso, Celascio, 1850 m
IT-0-NCY-20068164W

1035. *Gentiana hexaphylla* Maxim. ex Kuzn.
XX-0-NCY-20118216G

1036. *Gentiana pannonica* Scop.
Autriche, Bärentalalm, Hühnerstütze, 1950m
AT-0-GZU-12528

1037. *Gentiana prolata* Balf. f.
XX-0-NCY-20138068G

1038. *Gentiana purpurea* L.
Suisse, Vaud, Rochers de Naye, 2000 m
CH-0-RAMB-206905

1039. *Gentiana verna* L.
subsp. *oschtenica* (Kusn.) Halda
XX-0-NCY-20178130G

1040. *Gentiana x marcaillhouana* Rouy
France, Ariège, Port de Pailhères, 1900 m
FR-0-NCY-19721097W

1041. *Gentianella corymbifera* (Kirk) Holub
XX-0-NCY-20128522G

Geraniaceae

1042. *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.)

1043. *Geranium renardii* Trautv.
XX-0-NCY-19858206G

Hypericaceae

1044. *Hypericum uniflorum* Boiss. & Heldr.
XX-0-NCY-20138104G

Lamiaceae

1045. *Salvia bulleyana* Diels.
XX-0-NCY-19998280G

1046. *Salvia przewalskii* Maxim.
Chine, Yunnan
CN-0-NCY-20058146W

1047. *Scutellaria alpina* L.
Italie, Val d'Aoste, Arpettes, 1800 m
IT-0-NCY-20118156W

1048. *Sideritis scardica* Griseb.
Grèce, Macédoine, Falakro, 2000m
GR-0-B-2419292

1049. *Stachys tymphaea* Hausskn.
Italie, provincia di Chieti, Monte Cavallo, 2100m
IT-0-NCY-20178042W

1050. *Teucrium pyrenaicum* L.
subsp. *pyrenaicum*
France, Pyrénées-Atlantiques, col de Marie-
Blanche
FR-0-NCY-20120279W

1051. *Thymus nervosus* J.Gay ex Willk.
XX-0-NCY-20128276G

Montiaceae

1052. *Lewisia longipetala* (Piper) S.Clay
XX-0-NCY-19818116G

1053. *Lewisia nevadensis* (A.Gray) B.L.Rob.
XX-0-NCY-20078103G

Papaveraceae

1054. *Dicentra peregrina* (Rudolph) Makino
XX-0-NCY-19868272G

1055. *Meconopsis betonicifolia* Franch.
XX-0-NCY-20028311G

1056. *Meconopsis napaulensis* DC.
XX-0-M-G/1390

1057. *Meconopsis paniculata* (D. Don) Prain
Inde, Arunachal Pradesh
IN-0-M-2012/0299

Phrymaceae

1058. *Erythranthe lewisii* (Pursh) G.L.Nesom &
N.S.Fraga
USA, Washington, Chelan county, 1600 m
US-0-NCY-19758061W

Plantaginaceae

1059. *Erinus alpinus* L.
Suisse, Glaris, Braunwald Chnügrat, 1750 m
CH-0-NCY-20018226W

1060. *Globularia cordifolia* L.
France, Jura
CH-0-NCY-20048034W

1061. *Penstemon glaber* Pursh
var. *alpinus* (Torr.) A. Gray
US-0-NCY-20118351Z

1062. *Penstemon pinifolius* Greene
XX-0-NCY-19768295G

1063. *Plantago nivalis* Boiss.
Espagne, Andalucía, Sierra Nevada, 2700 m
ES-0-NCY-19711106W

1064. *Veronica bellidioides* L.
Italie, Lombardia, Valle di Livigno, 2100m
IT-0-NCY-20038099W

1065. *Veronica decora* (Ashwin) Garn.-Jones
XX-0-NCY-20138355G

1066. *Veronica onoei* Franch. & Sav.
Japon, Honshū, Mt Norikura, 1510 m
JP-0-NCY-19998205W

1067. *Veronica ponae* Gouan
XX-0-NCY-19858208G

1068. *Veronica schizantha* (Piper) M.M.Mart.Ort.
& Albach
US-0-NCY-20138166Z

1069. *Wulfenia carinthiaca* Jacq.
Autriche, Kärnten, Nassfeld, 1900 m
AT-0-NCY-19701046W

Plumbaginaceae

1070. *Armeria arenaria* (Pers.) F. Dietr.
subsp. *marginata* (Levier) Bianchini
Italie, Villa Minozzo, Monte Cusna, 1980 m
IT-0-NCY-20168156W

1071. *Armeria caespitosa* (Ortega) Boiss.
XX-0-NCY-19938028G

1072. *Armeria trojana* Bokhari & Quézel
Turquie, Marmara, Kaz-Dag, 1700 m
TR-0-NCY-20098128W

Polemoniaceae

1073. *Polemonium caeruleum* L.
subsp. *caeruleum*
Slovaquie, Slovensky Raj
SK-0-NCY-19838202W

Polygonaceae

1074. *Oxyria digyna* (L.) Hill
Italie, Valle d'Aosta, Colle del Piccolo San Bernardo,
2170 m
IT-0-NCY-20008061W

1075. *Rheum alexandrae* Batalin
XX-0-NCY-19768031G

1076. *Rheum delavayi* Franch.
Chine, Yunnan, Beima Shan, 4800 m
CN-0-NCY-20128320W

Primulaceae

1077. *Androsace adfinis* Biroli
subsp. *brigantiaca* (Jord. & Fourr.) Kress
France, Isère
FR-0-NCY-19978033W

1078. *Androsace mucronifolia* Watt
Inde, Cachemire, Nichnai-pass, 4200 m
IN-0-M-2006/2355

1079. *Androsace vandellii* (Turra) Chiov.
Italie, Valle d'Aosta, Herbetet, 2300m
IT-0-NCY-20098235W

1080. *Primula agleniana* Balf.fil. & Forrest
CN-0-NCY-20118487Z

1081. *Primula amoena* M.Bieb.
subsp. *amoena*
Russie, Western Caucasus, 1800m
RU-0-NCY-20008086W

1082. *Primula cockburniana* Hemsl.
XX-0-ROTT-20040069

1083. *Primula heucherifolia* Franch.
XX-0-NCY-20168007G

1084. *Primula matthioli* K.Richt.
subsp. *sachalinensis* (Losinsk.) Kovt.
XX-0-REYK-1989/004

1085. *Primula munroi* Lindl.
XX-0-NCY-20128077G

1086. *Primula poissonii* Franch.
XX-0-NCY-20128056G

1087. *Primula prolifera* Wall.
XX-0-NCY-20148125G

Ranunculaceae

1088. *Anemonastrum coelestinum* (Franch.)
Mosyakin
Chine, Yunnan, Beima Shan, 3800m
CN-0-NCY-20008140W

1089. *Anemonopsis macrophylla* Siebold & Zucc.
XX-0-NCY-19998211G

1090. *Clematis alpina* (L.) Mill.
Suisse, Grisons, Zernez, 1380 m
CH-0-NCY-19838026W

1091. *Eriocapitella rivularis* (Buch.-Ham. ex DC.)
Christenh. & Byng
Népal
NP-0-NCY-19938248W

1092. *Pulsatilla alpina* (L.) Delarbre
subsp. *apiifolia* (Scop.) Nyman
France, Hautes-Pyrénées, Brèche de Roland,
1600m
FR-0-NCY-19750970W

1093. *Thalictrum rochebrunnianum* Franch. & Sav.
République de Corée
KR-0-REYK-2007/001

Rosaceae

1094. *Acaena caesiiglauca* (Bitter) Bergmans
XX-0-FRP-26035

1095. *Acaena lucida* (Aiton) Vahl
Falkland Islands (Malvinas), Little Chartres
FK-0-HEID-1393

1096. *Argentina peduncularis* (D. Don) Soják
Népal, Gauri Sankar
NP-0-RAMB-50130

1097. *Geum coccineum* Sm.
Bulgarie, Province de Sofia, Mont Vitosha, 2000 m
BG-0-NCY-19931141W

1098. *Geum elatum* Wall. ex G. Don
NP-0-NCY-20168049Z

1099. *Geum montanum* L.
Italie, Valle d'Aosta, Lac du Nivolet, 2500m
IT-0-NCY-19731044W

1100. *Luetkea pectinata* (Pursh) Kuntze
XX-0-NCY-19758265G

1101. *Potentilla delphinensis* Gren. & Godr.
France, Hautes-Alpes
FR-0-NCY-19728304W

1102. *Potentilla grandiflora* L.
Suisse, Valais, 2370 m
CH-0-G-20121070

1103. *Potentilla heptaphylla* L.
Suisse, Valais, 1830m
CH-0-NCY-19710377W

1104. *Potentilla morefieldii* Erter
USA, California, White Mtns., 3543m
US-0-JENA-7950526

1105. *Potentilla valderia* L.
France, Alpes Maritimes, La Madone de Fenestre,
2000 m
FR-0-NCY-19888046W

1106. *Rosa pendulina* L.
France, Ariège, Port de Pailhères
FR-0-NCY-19758174W

1107. *Sorbus koehneana* C.K. Schneid.
Chine, Sichuan, Kulu, 3200 m
CN-0-NCY-19868073W

1108. *Sorbus poteriifolia* Hand.-Mazz.
XX-0-NCY-20118107G

Rubiaceae

1109. *Coprosma petriei* Cheeseman
XX-0-NCY-20128519G

Saxifragaceae

1110. *Micranthes nivalis* (L.) Small
Norvège, Sor Trondelag, Oppdal Skardet, 975 m
NO-0-NCY-20158045W

Thymelaeaceae

1111. *Daphne alpina* L.

subsp. *alpina*

Italie, Strada Cancano, 1600-1800m

IT-0-NCY-20028093W

1112. *Daphne kosaninii* (Stoj.) Stoj.

XX-0-NCY-20058093G

1113. *Kelleria dieffenbachii* (Hook.) Endl.

Nouvelle-Zélande

NZ-0-NCY-20128515W

1114. *Pimelea oreophila* C.J.Burrows

subsp. *oreophila*

XX-0-NCY-20118452G

Viburnaceae

1115. *Viburnum edule* (Michx.) Raf.

USA, Alaska, Chugach State Park

US-0-NCY-19918204W

Violaceae

1116. *Viola calcarata* L.

subsp. *calcarata*

Italie, Valle d'Aosta, Peradza, 2600m

IT-0-NCY-20088027W

1117. *Viola cornuta* L.

XX-0-NCY-19868199G

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.



**Nouvelle cascade – Serres tropicales
Photographie : Julien DECOLLOGNE / JBN**

PTERIDOPHYTA

Davalliaceae

1118. *Davallia fejeensis* Hook.
Guadeloupe
GP-0-NCY-19853210W

1119. *Davallia heterophylla* Sm.
XX-0-NCY-20123244G

Dryopteridaceae

1120. *Bolbitis heteroclita* (C.Presl) Ching
Indonésie
ID-0-NCY-19833329W

1121. *Bolbitis portoricensis* (Spreng.) Hennisman
Costa Rica, Province de Puntaneras, Reserva
Biologica Carara, 100 m
CR-0-NCY-19933261W

1122. *Elaphoglossum crinitum* (L.) Christ
XX-0-NCY-19953219G

1123. *Elaphoglossum herminieri* (Bory & Fée)
T.Moore
Guadeloupe, Basse-Terre - La Providence, Route
des deux mamelles, 300 m
GP-0-NCY-19893689W

1124. *Elaphoglossum petiolatum* Urb.
var. *dussii* (Underw. ex Maxon) Proctor
Guadeloupe
GP-0-NCY-19813686W

Polypodiaceae

1125. *Aglaomorpha meyeniana* Schott
Chine, Nanjing, Sud Fuzhou, 500 m
CN-0-NCY-19933299W

1126. *Aglaomorpha speciosa* (Blume) M.C.Roos
Thaïlande
TH-0-NCY-19833531W

1127. *Campyloneurum aglaolepis* (Alston) Sota
Équateur, Rio Napo, N.Est de Ahuano, 400 m
EC-0-NCY-19993133W

1128. *Dictymia brownii* (Wikstr.) Copel.
XX-0-NCY-19793289G

1129. *Microgramma mauritiana* (Willd.) Tardieu
Cameroun
CM-0-NCY-19843024W

1130. *Microgramma piloselloides* (L.) Copel.
Guadeloupe, Basse-Terre, La Providence, Route
des Deux Mamelles, 300 m
GP-0-NCY-19893687W

1131. *Microsorium maximum* (Brack.) Copel.
XX-0-NCY-20163438G

1132. *Phymatosorus cuspidatus* (D. Don) Pic.
Serm.
XX-0-NCY-19813190G

1133. *Pyrrosia angustata* (Sw.) Ching
XX-0-NCY-19793785G

1134. *Pyrrosia distichocarpa* (Mett.) K.H.Shing
XX-0-NCY-19773324G

1135. *Pyrrosia longifolia* (Burm.f.) Morton
Chine, Nanjing, Sud Fuzhou, 500 m
CN-0-NCY-19933298W

1136. *Selliguea feei* Bory
Indonesie, Sumatra central
ID-0-NCY-20153515W

1137. *Selliguea feeoides* Copel.
O. Java, pente d'un volcan, environs de Bandung,
1200 m
ID-0-NCY-19853437W

1138. *Selliguea triloba* (Houtt.) M.G.Price
Malaisie Péninsulaire, Genting Highlands, 1600 m
MY-0-NCY-20133421W

1139. *Serpocaulon loriceum* (L.) A.R.Sm.
Guadeloupe
GP-0-NCY-19813685W

Pteridaceae

1140. *Acrostichum aureum* L.
Guyane Française, ranch Terre Rouge Mana
GF-0-NCY-20093231W

1141. *Pteris tremula* R.Br.
XX-0-NCY-19733085G

PHANEROGAMAE

ANGIOSPERMAE

MAGNOLIIDAE

Aristolochiaceae

1142. *Aristolochia cf. littoralis* D.Parodi
XX-0-NCY-19743133G

1143. *Aristolochia fimbriata* Cham.
XX-0-NCY-19813019G

1144. *Aristolochia fimbriata* Cham.
XX-0-NCY-19793460G

Lauraceae

1145. *Cinnamomum camphora* (L.) J.Presl
XX-0-NCY-19783619G

Piperaceae

1146. *Piper nigrum* L.
XX-0-NCY-20003070G

MONOCOTYLEDONEAE

Amaryllidaceae

1147. *Sprekelia formosissima* (L.) Herb.
XX-0-NCY-19563028G

1148. *Tulbaghia violacea* Harv.
subsp. *violacea*
XX-0-NCY-19863233G

1149. *Zephyranthes drummondii* D.Don
XX-0-NCY-19753086G

1150. *Zephyranthes tubispatha* (L'Hér.) Herb.
XX-0-NCY-19883523G

Araceae

1151. *Amorphophallus cicatricifer* Hett.
XX-0-NCY-20143523G

1152. *Amorphophallus symonianus* Hett. &
Sizemore
XX-0-NCY-20143291G

1153. *Amorphophallus yunnanensis* Engl.
XX-0-NCY-20143299G

1154. *Anthurium bakeri* Hook.f.
Pérou, Rio Yuvinetto, Bellavista
PE-0-NCY-19793971W

1155. *Anthurium balaoanum* Engl.
XX-0-NCY-20103056G

1156. *Anthurium dolichostachyum* Sodiro
Équateur, Bolívar, Echeandía, 380 m
EC-0-NCY-20043158W

1157. *Anthurium friedrichsthali* Schott
PA-0-NCY-20083171Z

1158. *Anthurium gracile* (Rudge) Schott
Guyane Française, Petit-Saut
GF-0-NCY-19943214W

1159. *Anthurium obtusum* (Engl.) Grayum
subsp. *obtusum*
Guyane Française, Petit-Saut
GF-0-NCY-19943210W

1160. *Anthurium scandens* (Aubl.) Engl.
Brésil, Bahia, Sao Jose, 200 m
BR-0-NCY-19943628W

1161. *Anthurium vanderknaapii* Croat
XX-0-NCY-20083197G

1162. *Anthurium veitchii* Mast.
XX-0-NCY-19993055G

1163. *Dracontioides desciscens* (Schott) Engl.
Brésil, Bahia, Restinga de Pojuquinha
BR-0-NCY-19943770W

1164. *Nephtytis swainei* Bogner
GH-0-NCY-20083148Z

1165. *Taccarum caudatum* Rusby
XX-0-NCY-20143317G

1166. *Taccarum warmingii* Engl.
XX-0-NCY-20143318G

1167. *Typhonium venosum* (Aiton) Hett. &
P.C.Boyce
XX-0-NCY-20173628G

1168. *Xanthosoma mexicanum* Liebm.
Colombie, Huila
CO-0-FRP-23821

1169. *Xanthosoma piquambiense* Croat, Scherber.
& G. Ferry
Équateur, Esmeraldas, Rio Piquambi, 665 m
EC-0-NCY-20123327W

Areaceae

1170. *Adonidia merrillii* (Becc.) Becc.
XX-0-NCY-19843383G

Asparagaceae

1171. *Chlorophytum holstii* Engl.
XX-0-NCY-19673095G

1172. *Eucomis comosa* (Houtt.) H.R.Wehrh.
XX-0-NCY-19603363G

1173. *Eucomis vandermerwei* l.Verd.
XX-0-NCY-20183129G

1174. *Eustrephus latifolius* R.Br.
XX-0-NCY-20053014G

1175. *Herreria bonplandii* Lecomte
Argentine, Corrientes, Capital, Molinopunta, Rio
Parana, 75m
AR-0-B-0820690

1176. *Veltheimia bracteata* Baker
XX-0-NCY-19603374G

Asphodelaceae

1177. *Aloe fleurentinorum* Lavranos & L.E.Newton
Yémen, route de Marib, 40 km de Sana
YE-0-NCY-19803177W

1178. *Aloe niebuhriana* Lavranos
Yémen, route de At-Turba
YE-0-NCY-19803179W

Bromeliaceae

1180. *Aechmea aquilega* (Salisb.) Griseb.
var. *aquilega*
Guyane Française, région de Cayenne
GF-0-NCY-19823459W

1181. *Aechmea bracteata* (Sw.) Griseb.
XX-0-NCY-19713172G

1182. *Aechmea candida* E. Morren ex Baker
XX-0-NCY-20023108G

1183. *Aechmea filicaulis* (Griseb.) Mez
XX-0-NCY-20033175G

1184. *Aechmea longifolia* (Rudge) L.B.Sm. &
M.A.Spencer
Guyane Française, région de Cayenne
GF-0-NCY-19823466W

1185. *Aechmea nudicaulis* (L.) Griseb.
XX-0-NCY-19763196G

1186. *Billbergia kuhlmannii* L.B.Sm.
XX-0-NCY-19983229G

1187. *Bromelia karatas* L.
XX-0-NCY-19873373G

1188. *Bromelia nidus-puellae* (André) André ex
Mez
XX-0-NCY-19563258G

1189. *Bromelia pinguin* L.
XX-0-NCY-19603307G

1190. *Deuterochonia longipetala* (Baker) Mez
XX-0-NCY-19703116G

1191. *Dyckia encholirioides* (Gaudich.) Mez
XX-0-NCY-19783065G

1192. *Dyckia maritima* Baker
XX-0-NCY-19863172G

1193. *Dyckia velascana* Mez
XX-0-NCY-19883399G

1194. *Fosterella albicans* (Griseb.) L. B. Sm.
BO-0-NCY-19983099Z

1195. *Fosterella penduliflora* (C.H.Wright) L.B.Sm.
XX-0-NCY-19993286G

1196. *Fosterella villosula* (Harms) L.B.Sm.
XX-0-NCY-19923196G

1197. *Guzmania wittmackii* (André) André ex Mez
XX-0-NCY-19813442G

1198. *Pitcairnia bifrons* (Lindl.) Read
Guadeloupe, Basse-Terre, La Soufrière
GP-0-NCY-19893627W

1199. *Pitcairnia integrifolia* Ker Gawl.
XX-0-NCY-19753236G

1200. *Pitcairnia paraguayensis* L.B.Sm.
XX-0-NCY-20033171G

1201. *Pitcairnia scepstrigera* Mez
Équateur, Bolívar, La Magdalena
EC-0-U-2009GR01341

1202. *Pitcairnia xanthocalyx* Mart.
XX-0-NCY-19753247G

1203. *Puya mirabilis* (Mez) L.B.Sm.
XX-0-NCY-19783853G

Cannaceae

1204. *Canna flaccida* Salisb.
XX-0-NCY-19943383G

Colchicaceae

1205. *Gloriosa modesta* (Hook.) J.C.Manning &
Vinn.
XX-0-LZ-K-1-2006

1206. *Gloriosa superba* L.
XX-0-NCY-19913469G

Commelinaceae

1207. *Aneilema acuminatum* R.Br.
XX-0-NCY-19703279G

1208. *Aneilema aequinoctiale* (P.Beauv.) Kunth
XX-0-NCY-19733117G

1209. *Aneilema beniniense* (P.Beauv.) Kunth
XX-0-NCY-19793053G

1210. *Aneilema zebrinum* Chiov.
XX-0-NCY-19723212G

1211. *Callisia monandra* (Sw.) Schult. & Schult.f.
Martinique, Nord Caraïbes, Morne Rouge
MQ-0-NCY-20003348W

1212. *Callisia repens* (Jacq.) L.
Brésil, Bahia, Sao Jose, 200 m
BR-0-NCY-19943568W

1213. *Coleotrype goudotii* C.B.Clarke
XX-0-NCY-20003344G

1214. *Coleotrype natalensis* C.B.Clarke
XX-0-NCY-19793319G

1215. *Commelina benghalensis* L.
XX-0-NCY-19793321G

1216. *Commelina capitata* Benth.
Gabon
GA-0-NCY-19843150W

1217. *Commelina diffusa* Burm.f.
MG-0-NCY-20003343Z

1218. *Commelina erecta* L.
subsp. *erecta*
Costa Rica, Province de Puntaneras, Reserva
Biologica Carara, 100 m
CR-0-NCY-19933257W

1219. *Commelina erecta* L.
subsp. *erecta*
Brésil, Bahia, plage de Guarajuba
BR-0-NCY-19943571W

1220. *Commelina leiocarpa* Benth.
Mexique, Aguascalientes, Valle Nacional
MX-0-NCY-19863201W

1221. *Commelina rupicola* Font Quer ex Emb. &
Maire
Maroc, Oued Arksis
MA-0-NCY-20003345W

1222. *Cyanotis beddomei* (Hook. f.) Erhardt, Götz
& Seybold
XX-0-NCY-19693004G

1223. *Cyanotis cristata* (L.) D.Don
XX-0-NCY-19773108G

1224. *Cyanotis longifolia* Benth.
XX-0-NCY-19773559G

1225. *Cyanotis somaliensis* C.B.Clarke
XX-0-NCY-19793322G

1226. *Floscopa scandens* Lour.
XX-0-NCY-19793404G

1227. *Gibasis geniculata* (Jacq.) Rohweder
Brésil, Bahia
BR-0-NCY-19943567W

1228. *Palisota schweinfurthii* C.B.Clarke
XX-0-NCY-19733061G

1229. *Tradescantia cerinthoides* Kunth
XX-0-NCY-19523007G

1230. *Tradescantia fluminensis* Vell.
Brésil, Espírito Santo, prés de Ribeirão, 1100 m
BR-0-NCY-19943569W

1231. *Tradescantia fluminensis* Vell.
Brésil, Espírito Santo, prés de Ribeirão, 1100 m
BR-0-NCY-19943566W

1232. *Tradescantia spathacea* Sw.
Guadeloupe, Marie-Galante
GP-0-NCY-19823255W

Haemodoraceae

1233. *Wachendorfia thyrsiflora* L.
XX-0-NCY-20193764G

Hypoxidaceae

1234. *Hypoxis decumbens* L.
Brésil, São Paulo, São José de Barreiro
BR-0-BR-19750510

Iridaceae

1235. *Aristea platycaulis* Baker
Afrique du Sud
ZA-0-NCY-20193411Z

1236. *Ennealophus euryandrus* (Griseb.) Ravenna
subsp. *euryandrus*
Bolivie, Santa Cruz, Comarapa, Jagüe, 2140 m
BO-0-M-2000/1134

1237. *Phalocallis coelestis* (Lehm.) Ravenna
XX-0-NCY-20213129G

Marantaceae

1238. *Clinogyne leucantha* (K.Schum.) K.Schum.
XX-0-NCY-19763075G

Musaceae

1239. *Musa mannii* H. Wendl. ex Baker
XX-0-NCY-19603461G

Poaceae

1240. *Chrysopogon zizanioides* (L.) Roberty
XX-0-NCY-20013082G

1241. *Ischaemum koleostachys* (Steud.) Hack.
La Réunion, La Possession, Piton Bois Vert, 2100 m
RE-0-NCY-20153150W

1242. *Oplismenus compositus* (L.) P.Beauv.
Thaïlande
TH-0-NCY-19833095W

1243. *Oryza sativa* L.
'Cigalon'
XX-0-NCY-19993408G

1244. *Oryza sativa* L.
'Nam Dawk Mai'
TH-0-NCY-20173204Z

1245. *Oryza sativa* L.
'Rubribarbis'
XX-0-NCY-19703153G

Taccaceae

1246. *Tacca leontopetaloides* (L.) Kuntze
Seychelles, île de La Digue
SC-0-FRP-1963

Zamiaceae

1247. *Zamia furfuracea* L. f.
XX-0-NCY-19873179G

Zingiberaceae

1248. *Hedychium longicornutum* Griff. ex Baker
Indonesie, Sumatera Utara
ID-0-NCY-19803842W

EUDICOTYLEDONEAE

Acanthaceae

1249. *Ruellia ciliatiflora* Hook.
XX-0-ULM-2007-G-26

Aizoaceae

1250. *Aptenia cordifolia* (L. f.) Schwantes
XX-0-NCY-19883198G

1251. *Bergeranthus scapiger* (Haw.) Schwantes
Afrique du Sud, Province du Cap
ZA-0-NCY-19853294W

1252. *Carruanthus peersii* L.Bolus
XX-0-NCY-19753096G

1253. *Delosperma abyssinicum* (Regel) Schwantes
XX-0-NCY-19913041G

1254. *Delosperma bosserianum* Marais
XX-0-STUTZ-00253Z

1255. *Delosperma bosserianum* Marais
XX-0-NCY-19913042G

1256. *Delosperma harazianum* (Deflers) Poppend.
& Ihlenf.
Arabie saoudite
SA-0-STGAL-113/1992

1257. *Delosperma herbeum* (N.E.Br.) N.E.Br.
XX-0-NCY-19793036G

1258. *Delosperma nakurense* (Engl.) A. G. J. Herre
XX-0-NCY-19823082G

Amaranthaceae

1259. *Pleuropetalum darwinii* Hook.f.
EC-0-NCY-19913062Z

Apiaceae

1260. *Eryngium foetidum* L.
Costa Rica
CR-0-NCY-20163373W

Apocynaceae

1261. *Araujia sericifera* Brot.
XX-0-NCY-20153131G

1262. *Catharanthus roseus* (L.) Don
var. *roseus*
Espagne, Îles Canaries
ES-0-NCY-19993124Z

1263. *Hoya pubicalyx* Merr.
XX-0-NCY-19773408G

1264. *Pachypodium geayi* Costantin & Bois
XX-0-NCY-19973334G

1265. *Pachypodium lamerei* Drake
XX-0-NCY-19773638G

1266. *Pachypodium lamerei* Drake
Madagascar
MG-0-NCY-19793825

Asteraceae

1267. *Ageratina adenophora* (Spreng.) R. M. King
& H. Rob.
Thaïlande
TH-0-NCY-19833072W

1268. *Centipeda minima* (L.) A. Braun & Asch.
XX-0-NCY-19983180G

1269. *Senecio cuneatus* Hook.f.
XX-0-NCY-19773292G

Balsaminaceae

1270. *Impatiens auricoma* Baill.
Mayotte, Dombéni, Mont Bénara, 100 m
YT-0-NCY-20173780W

Bixaceae

1271. *Bixa orellana* L.
Martinique
MQ-0-NCY-19953075W

Byblidaceae

1272. *Byblis guehoi* Lowrie & Conran
XX-0-NCY-20223411G

1273. *Byblis liniflora* Salisb.
XX-0-NCY-20163384G

Cactaceae

1274. *Cleistocactus smaragdiflorus* (F.A.C.Weber)
Britton & Rose
XX-0-NCY-19573104G

1275. *Epiphyllum hookeri* Haw.
XX-0-NCY-19773530G

1276. *Epiphyllum phyllanthus* (L.) Haw.
subsp. *phyllanthus*
Brésil, São José, 200m
BR-0-NCY-19943729W

1277. *Gymnocalycium glaucum* F.Ritter
subsp. *ferrarii* (Rausch) G.J.Charles
XX-0-NCY-20103080G

1278. *Gymnocalycium pflanzii* (Vaupel) Werderm.
XX-0-NCY-19963175G

1279. *Mammillaria prolifera* (Mill.) Haw.
subsp. *texana* (Engelm.) D.R.Hunt
XX-0-NCY-19603276G

1280. *Parodia erinacea* (Haw.) N. P. Taylor
XX-0-NCY-19883301G

1281. *Parodia magnifica* (F.Ritter) F.H.Brandt
XX-0-NCY-19803325G

1282. *Parodia microsperma* (F.A.C.Weber) Spig.
subsp. *microsperma*
XX-0-NCY-19963186G

1283. *Pfeiffera ianthothele* F.A.C.Weber
XX-0-NCY-19863200G

1284. *Pfeiffera monacantha* (Griseb.) P.V.Heath
subsp. *monacantha*
XX-0-NCY-19883541G

1285. *Pseudorhipsalis ramulosa* (Salm-Dyck)
Barthlott
XX-0-NCY-19753309G

1286. *Rebutia neocumingii* (Backeb.) D.R.Hunt
subsp. *lanata* (F.Ritter) D.R.Hunt
XX-0-NCY-19803330G

1287. *Rhipsalis baccifera* (J.S.Muell.) Stearn
subsp. *baccifera*
Guyane Française, Rivière Aratay, Saut Pararé
GF-0-NCY-19813377W

1288. *Rhipsalis baccifera* (J.S.Muell.) Stearn
subsp. *baccifera*
République dominicaine, Ile de Saona, proche de
Catuano, 20 m
DO-0-NCY-19893741W

1289. *Rhipsalis baccifera* (J.S.Muell.) Stearn
subsp. *mauritiana* (DC.) Barthlott
La Réunion, La Possession, Ravine à Malheur
RE-0-NCY-19843324W

1290. *Rhipsalis lindbergiana* K.Schum.
Brésil, Alagoas, Quebrangulo
BR-0-NCY-19953154W

1291. *Rhipsalis micrantha* (Kunth) DC.
Équateur, Loja, tal des Rio Catamayo, 1300 m,
Rauh 35248
EC-0-NCY-19883332W

1292. *Rhipsalis pilocarpa* Loefgr.
XX-0-NCY-19783671G

Campanulaceae

1293. *Azorina vidalii* (H. C. Watson) Feer
Portugal, Açores
PT-0-KIEL-19850369-10-100

Capparaceae

1294. *Capparis spinosa* L.
XX-0-NCY-19983024G

Caricaceae

1295. *Carica papaya* L.
XX-0-NCY-20153394G

Combretaceae

1296. *Combretum indicum* (L.) DeFilipps
XX-0-NCY-19783816G

Convolvulaceae

1297. *Argyreia nervosa* (Burm.f.) Bojer
XX-0-NCY-20133367G

1298. *Ipomoea transvaalensis* A. Meeuse
XX-0-TAL-20070239G

Crassulaceae

1299. *Aeonium percarneum* (R.P.Murray) Pit. & Proust
Espagne, Iles Canaries, Bco de Tirajana
ES-0-NCY-19883442W

1300. *Aeonium spathulatum* (Hornem.) Praeger
ES-0-GZU-00181020

1301. *Aeonium valverdense* (Praeger) Praeger
XX-0-NCY-20013060G

1302. *Aichryson tortuosum* (Aiton) Webb & Berthel.
Espagne, Ile Lanzarote, Mirador del Rio
ES-0-NCY-19853497W

1303. *Crassula perfoliata* L.
var. *perfoliata*
XX-0-NCY-19603124G

1304. *Crassula volkensis* Engl.
subsp. *coleae* (Baker) Wickens & M. Bywater
XX-0-NCY-20003233G

1305. *Kalanchoe aromatica* H.Perrier
var. *aromatica*
Madagascar, Toliara, Anavelona Mts, ravine
MG-0-M-1999/2359

1306. *Kalanchoe bentii* C.H.Wright
subsp. *bentii*
YE-0-NCY-20173153Z

1307. *Kalanchoe blossfeldiana* Poelln.
MG-0-NCY-19913365Z

1308. *Kalanchoe daigremontiana* Raym.-Hamet & H.Perrier
XX-0-NCY-19603143G

1309. *Kalanchoe fedtschenkoi* Raym.-Hamet & H.Perrier
MG-0-NCY-19913384Z

1310. *Kalanchoe glaucescens* Britten
OM-0-NCY-20173155Z

1311. *Kalanchoe glaucescens* Britten
Oman, Dhofar, 870 m
OM-0-FRP-23269

1312. *Kalanchoe laciniata* (L.) DC.
XX-0-NCY-19753416G

1313. *Kalanchoe lobata* R.Fern.
XX-0-NCY-19853167G

1314. *Kalanchoe luciae* Raym.-Hamet
ZW-0-NCY-19793103W

1315. *Kalanchoe marmorata* Baker
XX-0-NCY-19913372Z

1316. *Kalanchoe nyikae* Engl.
subsp. *nyikae*
XX-0-M-N/3140

1317. *Kalanchoe peteri* Werderm.
Tanzanie
TZ-0-NCY-19913361Z

1318. *Kalanchoe rosei* Raym.-Hamet & H.Perrier
subsp. *rosei*
MG-0-NCY-19913364Z

1319. *Kalanchoe sexangularis* N.E.Br.
XX-0-NCY-19763235G

1320. *Monanthes polyphylla* Haw.
subsp. *polyphylla*
XX-0-NCY-19893465G

1321. *Tacitus bellus* Moran & J.Meyrán
XX-0-NCY-19913307G

1322. *Tylecodon paniculatus* (L. f.) Toelken
XX-0-NCY-19893515G

Droseraceae

1323. *Dionaea muscipula* J.Ellis
XX-0-NCY-19793899G

1324. *Drosera admirabilis* Debbert
Afrique du Sud, Palmiet River
ZA-0-NCY-20153404Z

1325. *Drosera admirabilis* Debbert
Afrique du Sud, Ceres Mountains
ZA-0-NCY-20153403Z

1326. *Drosera aliciae* Raym.-Hamet
Afrique du Sud, Hermanus
ZA-0-NCY-20173017Z

1327. *Drosera aliciae* Raym.-Hamet
Afrique du Sud, Western Cape, Silvermine
ZA-0-NCY-20133459Z
1328. *Drosera andersoniana* Fitzg. Ex Ewart & Jean
White
XX-0-NCY-20173452G
1329. *Drosera auriculata* Backh. ex Planch.
Nouvelle-Zélande, North Island, Coromandel,
Cook's Beach
NZ-0-NCY-20163105
1330. *Drosera binata* Labill.
Nouvelle-Zélande, Coromandel
NZ-0-NCY-20133003Z
1331. *Drosera binata* Labill.
AU-0-NCY-20143153Z
1332. *Drosera binata* Labill.
AU-0-NCY-20143151Z
1333. *Drosera brevifolia* Pursh
BR-0-NCY-20153406Z
1334. *Drosera burmannii* Vahl
ID-0-NCY-20163149Z
1335. *Drosera capensis* L.
Afrique du Sud, Stellenboch
ZA-0-NCY-20153412Z
1336. *Drosera capensis* L.
Afrique du Sud, Montague Pass
ZA-0-NCY-20153411Z
1337. *Drosera capensis* L.
Afrique du Sud, S. de Vanrhynsdorp, Giftberg Pass
ZA-0-NCY-20153409Z
1338. *Drosera capensis* L.
Afrique du Sud, Bainskloof Pass
ZA-0-NCY-20153407Z
1339. *Drosera capensis* L.
Afrique du Sud, Western Cape, Bainskloof Pass
ZA-0-NCY-20153276Z
1340. *Drosera capensis* L.
Afrique du Sud, Western Cape, Montague Pass
ZA-0-NCY-20133462Z
1341. *Drosera capensis* L.
Afrique du Sud, Vogelgat National Reserve
ZA-0-NCY-20123302Z
1342. *Drosera capillaris* Poir.
XX-0-NCY-20173357G
1343. *Drosera capillaris* Poir.
XX-0-NCY-20123224G
1344. *Drosera capillaris* Poir.
US-0-NCY-20133004Z
1345. *Drosera capillaris* Poir.
GF-0-NCY-20163086Z
1346. *Drosera capillaris* Poir.
Costa Rica
CR-0-NCY-20163101Z
1347. *Drosera capillaris* Poir.
CR-0-NCY-20143156Z
1348. *Drosera capillaris* Poir.
BR-0-NCY-20163075Z
1349. *Drosera capillaris* Poir.
BR-0-NCY-20153414Z
1350. *Drosera cayennensis* Sagot ex Diels
GF-0-NCY-20163085Z
1351. *Drosera collinsiae* N.E.Br.
XX-0-NCY-20123226G
1352. *Drosera collinsiae* N.E.Br.
Swaziland, Utushu
SZ-0-NCY-20153413Z
1353. *Drosera eneabba* N.G.Marchant & Lowrie
AU-0-NCY-20183021Z
1354. *Drosera esmeraldae* (Steyerm.) Maguire &
Wurdack
XX-0-BR-2012119904
1355. *Drosera filiformis* Raf.
var. *filiformis*
US-0-NCY-20133388Z
1356. *Drosera intermedia* Hayne
VE-0-NCY-20143099Z
1357. *Drosera intermedia* Hayne
US-0-NCY-20153416Z
1358. *Drosera intermedia* Hayne
US-0-NCY-20133008Z
1359. *Drosera intermedia* Hayne
PL-0-NCY-20163473Z

1360. *Drosera intermedia* Hayne
France, Vosges, Tourbière de la Méreille
FR-0-NCY-20133198W
1361. *Drosera intermedia* Hayne
Allemagne, Niedersachsen, Celle, Bergen, Eversen,
Südheide Park
DE-0-NCY-20163013W
1362. *Drosera intermedia* Hayne
Allemagne, Nordrhein-Westfalen, Wahner Heide
DE-0-BONN-16392
1363. *Drosera leucostigma* (N.G.Marchant &
Lowrie) Lowrie & Conran
XX-0-NCY-20183026G
1364. *Drosera natalensis* Diels
Afrique du Sud, Limpopo, Lajuma
ZA-0-NCY-20153418Z
1365. *Drosera natalensis* Diels
'Drakensberg'
Afrique du Sud, KwaZulu Natal, Drakensberg
ZA-0-NCY-20153420G
1366. *Drosera natalensis* Diels
'Eric Green'
XX-0-NCY-20153419G
1367. *Drosera nidiformis* Debbert
Afrique du Sud, Gauteng, Magaliesburg
ZA-0-NCY-20153422Z
1368. *Drosera omissa* Diels
XX-0-NCY-20123192G
1369. *Drosera patens* Lowrie & Conran
AU-0-NCY-20183003Z
1370. *Drosera peltata* Thunb.
Chromotype fleurs blanches
XX-0-NCY-20113007G
1371. *Drosera pygmaea* DC.
XX-0-NCY-20123231G
1372. *Drosera regia* Stephens
XX-0-NCY-20033149G
1373. *Drosera rotundifolia* L.
JP-0-NCY-20193445Z
1374. *Drosera rotundifolia* L.
Japon, N.O. Pref Hiroshima, 640 m
JP-0-NCY-20163366W
1375. *Drosera rotundifolia* L.
France, Grand Est, Metzeral, Ammelthal
FR-0-NCY-20163408W
1376. *Drosera rotundifolia* L.
FR-0-NCY-20153426Z
1377. *Drosera rotundifolia* L.
France, Grand Est, Vosges, La Ténine, 900 m
FR-0-NCY-20133197W
1378. *Drosera rotundifolia* L.
France, Grand Est, Vosges, Rouges Feignes, 1100 m
FR-0-NCY-20133195W
1379. *Drosera rotundifolia* L.
Estonie, Põlvamaa, Räpina Community, Rahumäe
bog
EE-0-NCY-20153080W
1380. *Drosera rotundifolia* L.
Allemagne, Nordrhein-Westfalen, Wahner Heide
DE-0-BONN-16284
1381. *Drosera rotundifolia* L.
Canada, Québec, MRC Brome Missisquoi, 59 m
CA-0-NCY-20143218W
1382. *Drosera rotundifolia* L.
France, Grand Est, Metzeral, Ammelthal
FR-0-NCY-20163409W
1383. *Drosera spatulata* Labill.
var. *spatulata*
Nouvelle-Zélande, South Island, Arthur Range,
Tuao Wharepapa, Mont Arthur
NZ-0-NCY-20163092Z
1384. *Drosera spatulata* Labill.
var. *spatulata*
JP-0-NCY-20133071Z
1385. *Drosera spatulata* Labill.
var. *spatulata*
JP-0-NCY-20133012Z
1386. *Drosera spatulata* Labill.
var. *spatulata*
HK-0-NCY-20133011Z
1387. *Drosera spatulata* Labill.
var. *spatulata*
AU-0-NCY-20133015Z

1388. *Drosera spatulata* Labill.
var. *spatulata*
AU-0-NCY-20133009Z

1389. *Drosera tokaiensis* (Komiya & Shibata) T.
Nakam. & K. Ueda
subsp. *tokaiensis*
XX-0-NCY-20133326G

1390. *Drosera venusta* Debbert
XX-0-NCY-19943127G

Drosophyllaceae

1391. *Drosophyllum lusitanicum* (L.) Link
ES-0-NCY-20153321W

Ericaceae

1392. *Satyria cerander* A.C.Sm.
Guyane Française, Petit-Saut
GF-0-NCY-19943197W

Erythroxylaceae

1393. *Erythroxylum novogranatense* (D.Morris)
Hieron.
var. *novogranatense*
XX-0-NCY-19943412G

Euphorbiaceae

1394. *Jatropha curcas* L.
Guinée, région de Kankan, Koumana
GN-0-NCY-19913002W

Fabaceae

1395. *Abrus precatorius* L.
Madagascar, Analamatsaka, Andohahele parcelle
III
MG-0-NCY-19933355W

1396. *Acacia sphaerocephala* Schltdl. & Cham.
XX-0-NCY-19963114G

1397. *Arachis hypogaea* L.
XX-0-NCY-19993178G

1398. *Cajanus cajan* (L.) Millsp.
Mayotte, Mamoudzou
YT-0-NCY-20173735W

1399. *Centrosema virginianum* (L.) Benth.
Mayotte, Tsingoni, Mont Combani
YT-0-NCY-20173737W

1400. *Clitoria ternatea* L.
Vanuatu, Espirito Santo
VU-0-GZU-02150344

1401. *Codariocalyx motorius* (Houtt.) H.Ohashi
Laos
LA-0-NCY-20123060W

1402. *Desmodium incanum* (Sw.) DC.
YT-0-NCY-20173738Z

1403. *Indigofera tinctoria* L.
Mayotte, Mamoudzou, Tsoundzou I
YT-0-NCY-20173743W

1404. *Mimosa pudica* L.
Équateur, Napo, Teno
EC-0-BONN-19256

1405. *Neptunia plena* (L.) Benth.
XX-0-BR-2003100116

1406. *Neptunia plena* (L.) Benth.
Bolivie
BO-0-STGAL-16660

Geraniaceae

1407. *Monsonia emarginata* (L.f.) L'Hér.
XX-0-DR-008529

1408. *Pelargonium hispidum* (L. f.) Willd.
XX-0-NCY-20003178G

1409. *Pelargonium inquinans* (L.) L'Hér.
XX-0-NCY-20003132G

1410. *Pelargonium inquinans* (L.) L'Hér.
XX-0-NCY-19973251G

1411. *Pelargonium vitifolium* (L.) L'Hér.
XX-0-NCY-19973147G

Gesneriaceae

1412. *Deinostigma tamiana* (B.L.Burtt)
D.J.Middleton & H.J.Atkins
XX-0-ULM-2003-G-73

1413. *Microchirita lavandulacea* (Stapf) Yin
Z.Wang
XX-0-DUSS-1310

1414. *Rhytidophyllum tomentosum* (L.) Mart.
XX-0-NCY-19743149G

1415. *Streptocarpus pallidiflorus* C.B. Clarke
XX-ULM-2006-G-126

Lamiaceae

1416. *Ocimum gratissimum* L.
var. *macrophyllum* Briq.
Madagascar, Antsiranana, Diego Suarez, Ankarana
Nord
MG-0-LYJB-150359

1417. *Plectranthus caninus* Roth
subsp. *caninus*
XX-0-NCY-19563031G

1418. *Pogostemon cablin* (Blanco) Benth.
XX-0-NCY-19783371G

Lentibulariaceae

1419. *Pinguicula ehlersiae* Speta & F.Fuchs
XX-0-NCY-20123052G

1420. *Pinguicula hirtiflora* Ten.
Grèce, Mont Olympos
GR-0-BR-2016003641W

1421. *Pinguicula moctezumae* Zamudio &
R.Z.Ortega
MX-0-NCY-20103153Z

1422. *Pinguicula moranensis* Kunth
Mexique, Hidalgo, Molango
MX-0-BR-20130457-47

1423. *Pinguicula moranensis* Kunth
Incl. P. *moranensis* 'Rectifolia'
MX-0-NCY-20103016Z

1424. *Pinguicula vallisneriifolia* Webb
Espagne, Jaén, Sierras de Cazorla-Segura
ES-0-BR-2015069007W

Lythraceae

1425. *Lawsonia inermis* L.
XX-0-NCY-20003170G

Malpighiaceae

1426. *Heteropterys chrysophylla* (Lam.) Kunth
XX-0-NCY-19793114G

Malvaceae

1427. *Hibiscus sabdariffa* L.
XX-0-NCY-20183141G

1428. *Pachira insignis* (Sw.) Savigny
XX-0-NCY-19723007G

1429. *Sida rhombifolia* L.
YT-0-NCY-20173748Z

Melastomataceae

1430. *Arthrostemma parvifolium* Cogn.
XX-0-JSUS-20140207

1431. *Bertonia angustipetala* Bacci & R.
Goldenb.
Brésil, Minas Gerais, Wenceslau Guimarães,
Povoado de Nova Esperança
BR-0-LYJB-140339

1432. *Bertonia marmorata* (Naudin) Naudin
var. *aenea* Cogn.
Brésil, Bahia, Monte Cruzeiro, Pedra Branca
BR-0-NCY-19943656W

1433. *Bertonia marmorata* (Naudin) Naudin
var. *marmorata*
Brésil, Bahia
BR-0-NCY-19943657W

1434. *Bertonia marmorata* (Naudin) Naudin
var. *marmorata*
Brésil, Bahia, Sao Jose, 200 m
BR-0-NCY-19943655W

1435. *Bertonia ovata* DC.
XX-0-NCY-20173321G

1436. *Bertonia sanguinea* Saldanha
XX-0-STUTZ-003308

1437. *Calvoa orientalis* Taub.
XX-0-NCY-19753257G

1438. *Heterotis fruticosa* (Brenan) Ver.-Lib. &
G.Kadereit
Nigéria
NG-0-NCY-19683091W

1439. *Medinilla basaltarum* Jum. & H.Perrier
XX-0-NCY-19983223G

1440. *Medinilla speciosa* Blume
XX-0-NCY-19943311G

1441. *Medinilla succulenta* Blume
MY-0-NCY-20113032Z

1442. *Monolena primuliflora* Hook.f.
XX-0-NCY-19783060G

1443. *Phyllagathis prostrata* C.Hansen
Thaïlande
TH-0-NCY-19833115W

1444. *Triolena pustulata* Triana
XX-0-LYJB-150319

Myrtaceae

1445. *Psidium cattleyanum* Sabine
XX-0-NCY-20163356G

1446. *Psidium guajava* L.
XX-0-NCY-19923336G

Onagraceae

1447. *Oenothera affinis* Cambess.
Chili, 832 m.
CL-0-NCY-20193128W

1448. *Oenothera longiflora* L.
subsp. *longiflora*
Chili, 378 m.
CL-0-NCY-20193110W

Oxalidaceae

1449. *Biophytum sensitivum* (L.) DC.
XX-0-NCY-19753255G

Passifloraceae

1450. *Passiflora platyloba* Killip
CR-0-NCY-20163375Z

1451. *Passiflora rubra* L.
Équateur
EC-0-DR-010492

1452. *Passiflora suberosa* L.
Guadeloupe
GP-0-NCY-19813715W

Petiveriaceae

1453. *Rivina humilis* L.
XX-0-NCY-19603471G

Plantaginaceae

1454. *Maurandya barclayana* Lindl.
Pérou, Urumbamba
PE-0-NCY-19843107W

1455. *Plantago leiopetala* Lowe
Portugal, Madeira, Porto Santo
PT-0-NCY-19813324W

1456. *Plantago subspathulata* Pilg.
Portugal, Madeira
PT-0-NCY-19823063W

1457. *Tetranema roseum* (M.Martens & Galeotti)
Standl. & Steyerl.
XX-0-NCY-19693002G

Plumbaginaceae

1458. *Plumbago zeylanica* L.
XX-0-NCY-19603473G

Primulaceae

1459. *Ardisia crenata* Sims
XX-0-NCY-19773608G

1460. *Lysimachia minoricensis* J. J. Rodr.
XX-0-NCY-19903015G

Roridulaceae

1461. *Roridula gorgonias* Planch.
XX-0-NCY-20093054G

Rosaceae

1462. *Drymocallis rupestris* (L.) Soják
France, Pont d'Hérault
FR-0-NCY-20163138W

Rubiaceae

1463. *Coffea arabica* L.
XX-0-NCY-20023196G

1464. *Hamelia patens* Jacq.
XX-0-NCY-19783313G

1465. *Ophiorrhiza mungos* L.
XX-0-NCY-19753326G

1466. *Psychotria carthagenensis* Jacq.
XX-0-NCY-19993176G

1467. *Psychotria punctata* Vatke
var. *punctata*
XX-0-NCY-19583294G

1468. *Psydrax obovata* (Eckl. & Zeyh.) Bridson
subsp. *obovata*
Îles Pitcairn, Henderson Island
PN-0-NCY-19923325W

1469. *Rothmannia annae* (E.P.Wright) Keay
Seychelles, Ile Aride
SC-0-NCY-19823294W

1470. *Spermacoce verticillata* L.
Cap-Vert, Ile de Santiago
CV-0-NCY-19833044W

Rutaceae

1471. *Murraya paniculata* (L.) Jack
XX-0-NCY-19603434G

Sapindaceae

1472. *Dodonaea viscosa* Jacq.
XX-0-NCY-20183274G

Sapotaceae

1473. *Synsepalum dulcificum* (Schumach. &
Thonn.) Daniell
Togo
TG-0-NCY-19713195W

Scrophulariaceae

1474. *Bontia daphnoides* L.
XX-0-NCY-19813800G

Solanaceae

1475. *Capsicum annum* L.
'Peruvian Purple'
XX-0-NCY-20183328G

1476. *Capsicum chinense* Jacq.
XX-0-NCY-20173447G

1477. *Capsicum frutescens* L.
XX-0-NCY-19873031G

1478. *Withania riebeckii* Schweinf. ex Balf. F.
YE-0-NCY-19783421Z

1479. *Withania somnifera* (L.) Dunal
XX-0-NCY-20173284G

Stylidiaceae

1480. *Stylidium assimile* R.Br.
XX-0-NCY-20123204G

1481. *Stylidium petiolare* Sond.
XX-0-NCY-20143134G

Urticaceae

1482. *Pilea microphylla* (L.) Liebm.
XX-0-NCY-19523013G

Velloziaceae

1483. *Barbacenia purpurea* Hook.
Brésil, Rio de Janeiro
BR-0-M-2004/0033

Verbenaceae

1484. *Duranta erecta* L.
Brésil, Bahia
BR-0-NCY-19943650W

1485. *Lippia dulcis* Trevir.
XX-0-NCY-20133162G

Bibliographie / Bibliography

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

BOEUF, R., HARDION, L., SMARDA, P. et al..., 2022. Des Carpates aux Pyrénées, centrées sur l'Alsace et les Vosges, analyses génétiques de quelques fétuques à feuilles fines (*Festuca* sect. *Festuca*) estimées d'intérêt régional à européen : considerations taxinomiques et syntaxinomiques. *Botanique*, 8 : 37-133.

CAPPERS, R.T.J., NEEF, R. & BEKKER, R.M., 2009. *Digital atlas of economics plants*. Groningen, Barkhuis & Groningen University library. 3 vol.

CASTROVIEJO, S., 1986- . *Flora Iberica : plantas vasculares de la Península Ibérica e Islas Baleares*. Madrid, Real jardín botánico, C.S.I.C.

CLIFTON, R.T.F., 1993. *Geranium family species checklist. Part 4, Pelargonium*. Kent, The Geranium Group.

CULLEN, J., KNESS, S.G., CUBEY, H.S. & SHAW, J.M.H., 2012. *The european garden flora flowering plants : a manual for the identification of plants cultivated in Europe, both out-of-doors and under glass*. The University of Chicago Press.

HENKER, H., 2003. *Rosa*. In : CONERT H.J. & al., 2003. *Gustav Hegi. Illustrierte Flora von Mitteleuropa. Bd. IV. Tl. 2C. 2. Aufl.* Berlin, Parey. 1-108.

HUNT, D., 2006. *The new cactus lexicon*. Milborne port, DH.

KRÜSSMAN, G., 1984. *Manual of cultivated broad-leaved trees and shrubs*. London, B.T. Batsford. 3 vol.

KUBITZKI, K., KRAMER, K.U. and GREEN, P.S., 1990. *The families and genera of vascular plants. 1, Pteridophytes and gymnosperms*. Berlin, Springer verlag.

LAMBINON, J., VERLOOVE, F., 2012. *Nouvelle flore de Belgique, du Grand-Duché de Luxembourg, du nord de la France et des régions voisines (Ptéridophytes et spermatophytes)*. 6^{ème} éd. Bruxelles, Edition du patrimoine du jardin botanique de Belgique.

LAUBER, K., WAGNER, G., 2000. *Flora Helvetica, flore illustrée de Suisse*. Paris, Belin.

LOWRIE, A., ROBINSON, A., NUNN, R., RICE, B., BOURKE, G., GIBSON, R., MCPHERSON, S. and FLEISCHMANN, A., 2017. *Drosera of the world. Vol. 2, Oceania, Asia, Europe, North America*. Poole, Dorset, Redfern Natural History publications.

MAYO, S.J., BOGNER, J. and BOYCE, P.C., 1997. *The genera of Araceae*. Kew, Royal Botanic Gardens.

NEW YORK BOTANICAL GARDEN, 1968- . *Flora neotropica*. New York, publ. for organization for flora neotropica by NYBG.

PIGNATTI, S., 2002. *Flora Italia*. 2nd ed. Bologna, Edagricole. 3 vol.

ROBINSON, A., GIBSON, R., GONELLA, P., MCPHERSON, S., NUNN, R. and FLEISCHMANN, A., 2017. *Drosera of the World. Vol. 3, Latin America & Africa*. Poole, Dorset, Redfern Natural History publications.

SOCIÉTÉ BOTANIQUE D'ALSACE, 1982. *Flore d'Alsace, plaine rhénane, Vosges, Sundgau*. 2^{ème} éd. Strasbourg, Société d'étude de la flore d'Alsace.

TISON, J-M. & DE FOUCAULT, B., 2014. *Flora Gallica : flore de France*. Mèze, Biotope

Sites Web / Websites

(Dernier accès / Last accessed, 9 janvier 2023)

Aizoaceae Database

<http://www.mesembs.com>

BOCK, B., 2021. *Base de données des Trachéophytes de France métropolitaine*. Version 6.00 du 24 novembre 2021.

<https://referentiels.tela-botanica.org> (consulté le 31 décembre 2022)

Flora of China

http://www.efloras.org/flora_page.aspx?flora_id=2

HASSLER, M., 2004-2022. *World ferns. Synonymic checklist and distribution of ferns and lycophytes of the world*. Version 14.6, last update December 27th, 2022.

<https://www.worldplants.de/world-ferns/ferns-and-lycophytes-list> (consulté le 31 December 2022)

International Crassulaceae network

<http://www.crassulaceae.ch/de/home>

MUSÉUM NATIONAL D'HISTOIRE NATURELLE DE PARIS & OFFICE FRANÇAIS DE LA BIODIVERSITÉ, 2003-2023. *Inventaire national du patrimoine naturel*.

<https://inpn.mnhn.fr> (consulté le 31 Décembre 2022)

Plants of the world online. Hosted and facilitated by the Royal botanic gardens, Kew.

<http://www.plantsoftheworldonline.org/> (consulté le 31 December 2022)

THE ROYAL BOTANIC GARDENS KEW, HARVARD UNIVERSITY HERBARIA & AUSTRALIAN NATIONAL HERBARIUM., 2022. *International Plant Names Index*.

<http://www.ipni.org> (consulté le 15 Décembre 2022)

STEVENS, P.F., 2001 onwards. *Angiosperm phylogeny website*. Version 14, July 2017 [and more or less continuously updated since]

<http://www.mobot.org/MOBOT/research/APweb/> (consulté le 31 décembre 2022)

World checklist of selected plant families [= *Liste mondiale de familles de plantes sélectionnées*]. Hosted by the Royal botanic gardens, Kew.

<http://wcsp.science.kew.org/>. (consulté le 31 Décembre 2022)

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