

CHECKLIST OF LI MUSHROOM SPECIES ©2019 LIMC

*ABORTIPORUS biennis	__ vaginata	__ rubellus	__ glaucocana	__ *collinitus	FLAMMULINA	__ petaloides
AGARICUS abruptibulbus	__ vaginata v. alba	__ rubricitrinus	__ ~ hydrogramma	__ corrugatus	__ velutipes	\ HUMARIA hemispherica
__ +argenteus	__ velatipes	__ <rubripes	__ inversa/flaccida	__ *croceus	FOMES	HYDNELLUM laurantiacum
__ arvensis	__ virginiana	__ \$ rubropunctus	__ irina	__ <distans	__ fomentarius	__ +conrescens
__ augustus	__ virosa group	__ *sensibilis	__ odor	__ *evernius	__ rimosus	__ >ferrugineum/pineticola
__ bitorquis	__ volvata	__ separans (XANTHOCONIUM)	__ +phylophila	__ glandicolor grp	FOMITOPSIS	__ peckii
__ campestris	__ volvata v. elongata	__ spadiceus/ferrugineus	__ *regularis	__ iodes	__ pinicola	__ scrobiculatum
__ ^comtulus	__ ' whetstoneae	__ \$ speciosus v. brunneus/	__ \$ robusta	__ *obliquus	__ <spraguei	__ \$ spongiosipes
__ +floridanus	__ - 'williamsiae'	(BUTYRIBOLETUS) brunneus	__ # leucopus	__ # leucopus	FULIGO	HYDNOCHAETE olivaceum
__ haemorrhoidarius	*ANNULOHYPOXYLON annulatum	__ subcaerulescens	__ luteus	__ luteus	__ septica	HYDNUM
__ micromegethus	__ cohaerens	__ subglabripes	__ *abdulopoda	__ lilacinus	GALERINA	__ albidum
__ placomyces	APIOSPORA morbosus	__ ~ subgraveolens	__ trullaeformis	__ +malachius	__ autumnalis/marginata	__ repandum
__ pocillator	ARCYRIA denudata	__ subluridellus	__ <truncicola	__ > malicorius	__ sphagnum	__ umbilicatum
__ porphyrocephalus	ARMILLARIA gallica	__ parasiticus	CLITOPILUS prunulus	__ +mammosus	! subcerina	HYGROCYPE lauratocephala
__ silvaticus	__ mellea	__ subtomentosus	>COLLYBIA cookei	__ \$ mucosus	__ tibiocystis	__ cantharellus
__ silvicola	__ ostoyae/solidipes	__ subvelutipes	COLLYBIA/GYMNOPUS	__ # nigrellus	__ ! vitiformis	__ ~ coccinea
__ \$ subrufescens	__ tabescens	__ # tenax	__ acervata (CONNOPUS)	__ *obtusus	GALIELLA rufa	__ conica
AGROCYBE [arvalis	ASCOCORYNE cylichnium	__ variipes	__ alkalivirens	__ \ pseudorubricosus	GANODERMA	__ flavescens
__ acericola	ASTEROPHORA lycoperdoides	__ > vermiculosoides	__ biformis	__ ~ pseudosalor	__ applanatum	__ \ luteus/Inocephalus
__ [dura	__ parasiticus	BONDARZEWIA berkeleyi	__ confluens	__ ! pulchriolus	__ +curtisii	__ irrigatus
__ erebia	ASTRAEUS smithii (hygrometricus)	*BOTRYOBASIDIUM aureum	__ dichrous	__ ! quercophilus nom prov.	__ sessile (lucidum)	__ laeta
__ pediades	AURICULARIA americana	*BREFELDIA maxima	__ dryophilus	__ \ rubeus	__ tsugae	<lacmus (Cuphophyllus)
__ praecox group	^BAEOSPORA myosura	BULGARIA inquinans	__ dysodes	<rubrocinerus	GEASTRUM \ minimum	__ marginata (Humidicutis)
__ \$ putaminum	BANKERA	CALVATIA craniformis	__ # earleae	__ sanguineus	__ pectinatum	__ miniata
__ ^sororia	__ \$ fuligineo-alba	__ cyathiformis	__ *impudicus	__ ! scandens	__ schmidelii	__ minutula
__ !vervacti	__ violascens	__ gigantea	__ ioccephalus	__ semisanguineus	<sessile	__ ~ nitida (Gloioxanthomyces)
AKANTHOMYCES laculeatus	__ BISPORELLA citrina	CALOCERA cornea	__ luxurians	__ traganus	<triplex	__ parvula
ALEURIA aurantia	__ BJERKANDERA adusta	CALLISTOSPORIUM	__ # semihirtipes	__ vibratilis	<GERRONEMA/Chrysomphalina	__ perplexa
ALBATRELLUS ovinus	BOLEBITIUS	__ >luteo-olivaceum	__ spongiosus	__ violaceus42	__ strombodes	__ reidii
__ ^cristatus	__ varicolor	__ *purpureomarginatum	__ subnudus	CRATERELLUS fallax	GLOBIFORMES graveolens	__ psittacina (Gliophorus)
__ ! subrufescens	__ vitellinus	CALOSTOMA cinnabarinum	COLLYBIA/	__ ignicolus	GLOEOPHYLLUM separium	__ singeri var. singeri
AMANITA abrupta	BOLETELLUS russellii	+CAMAROPS petersii	RHODOCOLLYBIA ~ unakensis	__ tubaeformis	GLOEOPORUS dichrous	__ [virginia (Cuphophyllus)
__ bisporigera	< BOLETOPSIS subsquamosa	^CAMILLEA punctulata	__ butyracea	CREPIDOTUS applanatus	*GOMPHIDIUS glutinosus	HYGROPHORUS
__ brunnescens v. pallida	BOLETUS [alutaceus	CANTHERELLULA umbonata	__ lentinoides	__ \$ crocophyllus	GRIFOLA frondosa	__ ! amygdalinus
__ brunnescens v. brunnescens	__ # atkinsonii	CANTHERELLUS ^appalachiensis	__ maculata	__ mollis	GUEPINIOPSIS \ buccina	__ chrysodon
__ canescens	__ ! auriflammeus (Pulveroboletus)	__ cinnabarinus	COLTRICIA cinnamomea	CRINIPELLIS stipitaria/scabella	GYMNOPIIUS laeruginosus	__ eburneus
__ ceciliae/rhacopus grp.	__ auripes	__ minor	__ montagnei	CRYPTOPORUS volvatus	__ <liquiritiae	__ erubescens
__ chlorinosma	__ auriporus	__ !tenuitrix	__ perennis	CRUCIBULUM iaeve	*luteofolius	*fuligineus
__ cinereopannosa	__ badius	CERATIOMYXA fruticulosa	CONOCYBE filiaris	CYATHUS stercoreus	__ luteus	__ hypothejus
__ citrina	__ bicolor	CHALCIPORUS ~ piperatoides	__ ~ kuehneriana/velutipes	__ striatus	__ penetrans	* laurae
__ citrina v. lavendula	__ bicolor v. subreticulatus	__ pseudorubrinellus	__ lactea/apala	>CYPTOTRAMA asprata	> picreus	^ponderatus
__ cokeri	__ calopus	CHEIMONOPHYLLUM	__ \$ plicatella/GALERELLA	CYSTODERMA amianthinum	__ sapineus	__ pratensis (Camarophyllus)
__ crenulata	__ campestris	__ candidissimum	__ # subovalis	CYSTODERMELLA ~cinnabarinum	__ spectabilis.	<pudorus
__ crocea	^carninipes	CHLOROCIBORIA aeruginascens	__ tenera	__ granulosum	GYMNOSPORANGIUM \clavipes	__ russula
^cylindrispora	__ chrysenferon	CHLOROPHYLLUM molybdites	__ flocculosus	DACRYMYCES "minutus	__ juniperi-virginianae	__ sordidus
__ daucipes	__ edulis	CHROMOSERA cyanophylla	COPRINUS/COPRINOPSIS	__ palmatus/chrysofermus	GYRODON/	__ speciosus
__ elongata	__ floridanus	CHROOGOMPHUS ~ rutilus	__ atramentarius	> stilitus	BOLETINELLUS merulioides	HYGROPHOROPSIS aurantiaca
__ flavoconia	__ frostii	__ vinicolor	__ cinereus	DACRYOPINAX spathularia	GYROMITRA esculenta	HYMENOCHAETE
__ flavorubescens	griseus (RETIBOLETUS)	CLAVARIA \ fumosa	> insignis	DAEDALEA quercina	__ > korfi	__ ' corrugata
__ [franchetti cf.	__ [griseus var. fuscus (")	__ [aff. rubicundula	__ lagopides	DAEDALEOPSIS confragosa	GYROPORUS	__ tabacina
__ frostiana	__ hortonii	__ vermicularis	__ lagopus	DALDINIA concentrica	__ castaneus	HYPHOLOMA (Naematoloma)
__ fulva	__ iludens (XEROCOMUS)	^zollingeri	__ # patoullaardii	DASYSCYPHUS/LACHNUM	__ cyanescens	__ capnoides
__ jacksonii (Amer. caesar)	__ inedulis	CLAVARIADDELPHUS \$ ligula	__ radiatus	__ virgineus	^subalbellus	__ fasciculare
__ longipes	__ innixus	__ truncatus	__ sterquilinus	* DENDROTHELE nivosa	HAPALOPILUS	__ sublateritium/lateritium
__ magnivelaris	> lignicola (Buchwaldoboletus)	__ pistillaris	COPRINUS/COPRINELLUS	IDENTIPELLIS fragilis	__ nidulans	__ tuberosum
__ ! microlepis	__ longicurvipes	CLAVULINA cinerea	__ disseminatus	*DIATRYPE stigma	HEBELOMA	HYPOCREA \ lixii
__ multiquamosa	__ luridiformis/erythropus	__ cristata/coralloides	__ <flocculosus	ENTOLOMA abortivum	__ ' brunneifolium	HYPOMYCES
__ muscaria v. alba	__ +luridellus	__ [cf. rugosa	__ micaceus	__ ! commune	__ colvini	__ chrysofermus
__ muscaria v. formosa	luridus	CLAVICORONA/ARTOMYCES	COPRINUS comatus	__ >farlowii	__ crustuliniforme	__ hyalinus
__ muscaria v. persicina	__ miniato-olivaceus	__ pyxidatus	< cortinatus	__ griseum	__ mesophaeum	__ lateritius
__ onusta	__ ! miniato-pallescens	CLAVULINOPSIS	CORDYCEPS/Elaphocordyceps	__ lividum	__ ' naviculosporum cf.	__ luteovirens
__ peckiana	__ \$ morrisii	__ fusiformis	__ capitata	__ murrayi	__ ' pumilium cf./birrus	*ochraceous
__ phalloides	__ nobilissimum	__ laeticolor/pulchra	__ ophioglossoides	__ \$ rhodocylicodes (Leptonia)	HELVELLA	HYPOXYLON *fragiforme
__ polypyramis	> ochraceolutes	CLIMACODON septentrionale	CORTINARIUS ! argenteopileatus/	__ salmoneum	__ acetabulum	INOCYBE ! albidisca
>praecox (nom. Prov.)	omatipes (RETIBOLETUS)	CLITOCYBE	__ subargentatus	__ sericeum	__ ! corium	__ ! amygdalina
__ praelongispora	__ pallidoroseus	__ > americana	__ armillatus	__ strictus	__ \$ crispa	__ ! davisiana
__ pseudovolvata (nom. Prov.)	__ pallidus	__ candicans	__ alboviolaecus	__ \$ subquadratum	__ ! griseoalba	__ fastigiata
__ +ravenelii	__ parasiticus(PSEUDOBOLETUS)	__ \$candida	^anomalous grp	__ vernum (Nolanea)	> flocculosa	__ leucomelaena
__ rhopalopus	__ projectellus	__ clavipes (Ampulloclitocybe)	__ *azureus	__ watsonii (Eccilia)	__ macropus	__ fuscodisca
__ rubescens	__ pseudosensibilis	__ dealbata/rivulosa	*balteatocumattilis	EXIDIA glandulosa	__ sulcata	__ geophylla
__ [russuloides	__ \$ pseudosulphureus	__ diatreta	__ >bolaris	__ recisa	HEMITRICHIA calyculata	__ grammpodia
__ sinicoflava	__ pulverulentus	__ eccentrica	__ \$ camphoratus	FAVOLUS	HERICIUM	__ \$ hystrix
__ (spreta)# murrilliana	__ reticulatus	ectypoides /Pseudoarmillariella	> castanellus	__ alveolaris/Polyporus mori	__ erinaceus	>infida
__ ~ submaculata	__ rhodosanguineus (Rubroboletus)	__ fasciculata/Lepista caespitosa	^castaneoides	^FAYODIA sp	__ \$ ramosum/coralloides	__ ! intricata
__ subsolitaria	__ roseopurpureus (Butyriboletus)	__ fragrans	__ ~ cinnabarinus grp.	FISTULINA	HOHENBUEHELIA	__ lacera
__ tephrea	__ roxanae	__ gibba	^cinnamomeus	__ hepatica	__ atrocaerulea	__ lanuginosa

^leptocystis	— rugosiceps	— oreades	— plicatilis	— \$ craterellus	— foetentula	— pulcherrimum	— \$ olivaceobrunneum
— af. margaritospora	— scabrum	— rotula	<schroeteri	— varius/elegans/leptocephalus	— fragilis	STEMONITIS	— pessundatum
~ minima	— snellii	— siccus	PAXILLUS	— squamosus	— fragiloides	— axifera	— portentosum
\$ nodulosa	— vulpinum	— scorodoniis	— atrotomentosus (Tapinella)	PSATHYRELLA "annulata__	— fucosa	— splendens	— portulum
> prominens	LENTARIA micheneri__	~ strictipes	! involutus	+bipellis	# fulvescens	STEREUM complicatum__	— resplendens
+ aff. pusio	[patouillardii	MEGACOLLYBIA	PENIOPHORA	— candolleana	— heterophylla	— gausapatum	— saponaceum
# radiata/curvipes	LENTINELLUS ursinus	— rodmani (platyphyla)	— \$ albobadia	^conopilus	<hirsutum	— scalpturatum	— seijunctum
[rimosoides	LENTINUS	<MEIORGANUM curtisii	— rufa	— delineata	— hibbardae	— ostrea	— serratifolium
— sororia	— lepidus	MELANOLEUCA	PERENNIPORIA	> duplicata	— hydropihla	— sanguilolentum	— squarulosumss
+subdecurrens	— strigosus	— alboflavida	^compacta	— ! distantifolia	# integra	striatum	>subulatum
— subfulva	— torulosus/Panus conchatus	— melaleuca	PEZIZA ! badia	— gracilis	^ionochlora	STROBILOMYCES	— subresplendens
\ subexilis	LENZITES betulina__	<verrucipes	— badio-confusa	— hydrophila	— hiberocerasi	— confusus	— sulphurescens
\$ subochracea	LEOTIA lubrica__	MELANOPHYLLUM	— repanda	> incerta	— lutea	— dryophilus	— terreum
— subtomentosa	— viscosa	— echinatum/haematosperrum	— succosa	! lithocarp	— mariae	floccopus/strobilaceus	— vaccinum
# tubarioides	LEPIOTA ~ atrodisca	MERIPILUS	— ^sylvestris	! pseudocorrugata	— melliolens	STROPHARIA	— virgatum
! unicolor	— acutesquamosa /	— giganteus/sumstinei	— venosa/Disciotis v.	— rugocephala	\$ modesta	— hardii	— zelleri
* ventricosa	Echinoderma asperum	*MERULIOPSIS corium__	— vesiculosa	— velutina	! nigrescentipes	— rugosoannulata	TRICHOLOMOPSIS
INONOTUS	— cepaestipes (Leucocoprinus)	MERULIUS	PHAEOCOLLYBIA sp	PSEUDOCLOTICYBE	— ochroleucoides	semiglobata	— decora
— \$ circinatus/Omnia	— cristata	— *incarnatus/Byssomerulius	PHAEOLUS schweinitzii__	— cyathiformis	\$ operata	SUILLUS americanus__	— formosa
— dryadeus	— fragillissima	— tremellosus/Phlebia	PHAEOMARASMIUS	PSEUDOCOLUS fusiformis__	— ornateps	— brevipes	— rutilans
— hispidus	— lutea/Leucocoprinus	>METATRICHIA vesparium	! erinaceus	PSILOCYBE caerulipes__	~ paludosa	BOTHIA castanellus	TUBARIA
^rheades	— bimbaumii	MORCHELLA sp	— proximans	> parovirescens	> parovirescens	> decipiens	— +consersa
IRPEX lacteus	+ miamsensis	— elata/angusticeps	PHALLUS	— coprophila	— peckii	— granulat	— furfuracea
ISCHNODERMA resinosum__	— rubrotincta	— esculenta/americana	— impudicus	— montana/Deconica	— pectinatoides	— grevillei	TUBIFERA ferruginosa
LACCARIA amethystina__	LEPISTA	— semilibera/punctipes	— ravenelii	— semilanceata	— perlactea	— ! hirtellus	TULOSTOMA [berkeleyi__
> bicolor	— densifolia	MUTINUS caninus__	\$ rubicundus	<ovoideoecystidiata	— primavera	— luteus	— #brumale
— laccata	— glaucocana	— elegans	PHELLEDON	[phylogena/Deconica	# pseudolepida	— #neolbidipes	TYLOPILUS
— longipes	— nuda	MYCENA	> confluens	# subviscida	— pulchra	— pictus	— aff. pulchellum
— ochropurpurea	— saeva/personata	— \$ abramsii	— alboniger/melaleucas	PULVEROBOLETUS	# pusilla	# subalutaceus/acidus	— alboater
*ohiensis	# tarda	# amicta	PHELLINUS	ravenelii	# raoultii	— subluteus	— tommentosus
# proxima	LEPTONIA [subserrulata__	# citrinomarginata	— gilvus	PYCNOPORUS cinnabarinus	^rosea	~ tomentosus	SYZYGOSPORA mycetophila__
trullisata	+LERATIOMYCES ceres__	— copiosa	— pini (PORODAEALEA)	RADULODON /copelandii__	— roseipes/nitida	— appalachiensis	— badiceps
LACTARIUS "affinis__	LEUCOAGARICUS	— corticola	# rimosus	RADULOMYCES	— rubescens	"TAPINELLA panuoides__	— ballouii
— alachuanus	— americanus	— epipterygia	\$ viticola	— paumanokensis	^rubiceps	^TARZETTA cupularis__	— chromapes/HARRYA
\$ allardii	— jubilaei	— epipterygia v. lignicola	PHLEBIA	RAMARIA <botrytoides__	— rugulosa	THELEPHORA	— felleus
— areolatus	+meleagris	— filipes	— radiata	— ! fennica	^rubinpurpurea	> anthocephala	— ferrugineus
— atroviridis	— naucinus	— > fusco-ocula	— rufa	— flava	^griseoconitens	— regularis v. multipartita	> griseoconium
— aquifluus/helvus	LEUCOCOPRINUS	— galericulata	tremellosa	+flava var. parvispora	— silvicola	— palmata	— indecisus
"badiopallescens	— fragillissimus	^galopus	PHOLIOTA	— formosa	*squalida	— terestris	— plumbeoviolaceus
— camphoratus	"LEUCOGLOEA compressa__	— griseoviridis	— aurivella	# pusilla	— stricta	> vialis	> rhodoconius
> chelidonium	LEUCOPAXILLUS	— haematopus	— flammans	— subochrophylla	— subochrophylla	<TOMETELLA cinarecens	— rubrobrunneus
— corrugis	— abissimus	— inclinata	*flavida	— uncialis	TRAMETES	— cervina/Trametopsis	— sordidus
— chrysorrhoeus	— glganteus	> luteopallens	> highlandensis	— variata	— "cervina/Trametopsis	— conchifer	— vario-brunneus
— deceptivus	— laterarius	~ maculata	— limonella	\$ velenovskyi	— "conchifer	— elegans	— violatinctus
[frustratus	LYCOGALA epidendron	— megaspora	— spumosa	— ventricosipes	— hirsuta	— pubescens	TYROMYCES/
+fuliginosus/fumosus	LYCOPERDON	> melata	— squarrosa	— vinacea	— pubescens	— versicolor	— caesius (Postia)
— gerardii	— coloratum	— minutula	— squarrosoides	— vinosa	— chioneus	— fragilis (Postia)	— chioneus
# hibbardae	# marginatum	# mirata	— veris	> viridella	*fissilis (Aurantiporus)	— fragilis (Postia)	— chioneus
— hygrophoroides	— molle	— pura	vernalis (Kuehneromyces)	<viridioculata	TREMELLA	— USTULINA/Kretschmaria	— chioneus
^imperceptus	# obligisporum	— rosella	PHYLLOPORUS	— xerampelina	— foliacea	— deusta	— chioneus
— indigo	— oblongisporum	! vulgaris	— leucomyelinus	SARCODON	— "encephala	VOLVARELLA bombycina__	— chioneus
— lignyotus	— perlatum (gemmatum)	— MYCENASTRUM corium	PHYLLIOTOPSIS nidulans__	<fuligineo-violaceus	— mesenterica	# pusilla	— chioneus
— luteolus	<pusillum	— NEOLECTA irregularis	— subnidulans	— "underwoodii	TREMELLODENDRON	— speciosa	— chioneus
! oculatus	— pyriforme	NIDULA candida	^PHYRSARUM viride	~ ustalis	TRICHAPTUM	— ! surrecta	XANTHOCONIUM
— peckii (& v. glaucescens)	— radicat	"NIDULARIA farcta__	— PIPTOPORUS betulinus	SARCODONTIA setosa__	— abietinum	— biforme	— affine v. affine
— petersenii	LYOPHYLLUM	"NOLANEA avellanae	PISOLITHUS	^SCHIZOPORA paradoxa__	— biforme	+TRICHIA varia__	— affine v. maculata
— piperatus (& v. glaucescens)	— connatum	< OLIGOPORUS/POSTIA	— tinctorius/arhizus	SCHIZOPHYLLUM commune	— pallidum	TRICHOGLOSSUM hirsutum__	> affine v. reticulatum
~ proximellus	— decastes	floriformis	— populinus	SCLERODERMA	— "walleri	— purpureum	— stramineum
— quietus v. incanus	— ! loricaum	— OMPHALOTUS olearius	+pulmonarius	— \$ areolatum	TRICHOLOMA [acre__	XEROCOMUS /aff. bubalinus	— sclerotiorum
\$ rimosellus	— multiforme	VOSSICAULIS lignatis__	— PLICATUROPSIS crista	— bovista	— aestuans	XEROMPHALINA	— albatum
# subvernalis v. cokeri	MACROLEPIOTA	— OXYPORUS	PLUTEUS laurantiorugosus__	— cepa	> argenteum	— "brunneola	— campanella
— subplinthogalus	— gracilent	— +cuneatus	— cervinus	— crustosa	— caligatum	— colossus	XERULA (Hymenopellis)
— subvellereus	— procera	— populinus	> lutescens	— cyanoxantha	— colossus	— flavobrunneum/fulvum	— furfuracea
\$ theiogalus	— rhacodes (Chlorophyllum)	PANELLUS	<nanus	— cystalidiosa	— flavovirens var. albipes	\$ fulvimarginatum	— "megalospora
— vellereus (& var. subdistans)	<MACROTYPHULA juncea	— stipticus	*nothopellitus	! densifolia	— \$ fulvimarginatum	! fumosoliteum	XYLARIA hypoxylon__
— vinaceorufescens	MARASMIELLUS	PANAEOULUS	— petasatus	— dissimulans	— imbricatum	— ! polymorpha	XYLOBOLUS frustulatus__
volemus	— candidus	— "papilionaceus/ (campanulatus)	— seticeps/podospileus	^earlei	— marquetense	— myomyces	
LAETIPORUS	— ! nigripes (Tetrapyrgos)	— foenisecii	^tomentosulus	! elaeodes	— niveipes		
— sulphureus	^ praecutus	MARASMIUS	PODOSTROMA/HYPOCREA	— emetica			
— cinnamatus	— androsaceus (Gymnopus)	— capillaris	— alutaceum	<farinipes			
^LAXITEXTUM bicolor__	— capillaris	— cohaerens	PORODISCULUS pendulus__	> farinipes			
LECCINIUM	— cohaerens	> epiphyllum	POLYPORUS	— flaviceps			
— albillum (Leccinellum)	— epiphyllum	— graminum	# arcularius	— flava			
— griseum	— graminum	nigrodiscus	— badius	— flavisiccans			
— holopus	— nigrodiscus		— brumalis	— fragrantissima			
— insigne							
— quercophilum (Leccinellum)							

^ = New Spec. 2006 # = New Spec. 2007 \$ = New Spec. 2008 != New Sp. 2009 ~ = New Sp. 2010 > = New Sp. 2011 < = New Spec. 2012 ' = N.S. 2013 * = New Spec. '14 " = N.S. 2015 + = N. S. 2016 [=N.S. 2017 \=N.Sp.'18