

**M.H. Kholodny Institute of Botany
National Academy of Sciences of Ukraine**

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Prof., Dr. A. M. OXNER

(22.02.1898 — 20.11.1973)

**(On occasion of 100-years anniversary
of the birthday)**

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M.H. Kholodny Institute of Botany

***LOBARION* LICHENS AS
INDICATORS OF THE PRIMEVAL
FORESTS OF THE EASTERN
CARPATHIANS**

Darwin International Workshop:

**honored to the 100–years anniversary of a famous Ukrainian
lichenologist Professor Alfred M. Oxner (1898–1973)**

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Prof. Dr. Alfred M. Oxner (22.02.1898 — 20.11.1973)

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This issue provides a biographical sketch and an index to the genera, species and infraspecific taxa of lichens as well as new names and combinations proposed by a famous Ukrainian lichenologist Professor Alfred M. Oxner (22.02.1898 – 20.11.1973) and a bibliography of his papers.

This work is printed as materials of Darwin International Workshop *LOBARION* LICHENS AS INDICATORS OF THE PRIMEVAL FORESTS OF THE EASTERN CARPATHIANS' honored to the 100-years anniversary of a famous Ukrainian botanist, specialist in lichenology and botanical geography, Professor. Dr. Alfred M. Oxner (1898–1973) (25–30 May 1998, Kostrino, Ukraine).

For scientists and all interested in science history.

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Cover: *Xanthoria alfredii* S. Kondr & Poelt, a lichen widespread in Russian Far East. Photograph — S. Kondratyuk

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FOREWORD

The present issue is prepared and published as working materials of the Darwin International workshop '*LOBARION* LICHENS AS INDICATORS OF THE PRIMEVAL FORESTS OF THE EASTERN CARPATHIANS' honored to the 100-years anniversary of famous Ukrainian lichenologist Professor Alfred M. Oxner (1898-1973) held 25-30 May 1998, Kostrino, Ukraine.

This workshop became a reality through the generosity of the UK Darwin Initiative which funded a collaborative project through which lichenologists of the Spore Plants Department of the M.H. Kholodny Institute of Botany as well as Kherson pedagogical Institute jointly with British colleagues of the Royal Botanical Garden Edinburgh and the Natural History Museum of London had marvelous opportunity to start the study of the *Lobarion* lichens on the territory of the Regional Landscape Park 'Stuzhytzia', Ukrainian Part of the Proposed Trilateral Reserve 'Eastern Carpathians'.

The Organizing Committee of the meeting mentioned would like to express deep and sincere thanks to sponsors of workshop, the UK Darwin Initiative and European Commission Directorate General XII. Professor Eviatar Nevo, Haifa, Israel is deeply acknowledged for comments to manuscript and corrections of English; U. Soechting, Copenhagen, Denmark and Prof. T.L. Esslinger, Fargo, USA for their kind help during preparation of paper mentioned (e. g. charter "A catalogue..."); Dr. Olena Roms, Ms Natalya Beznis and others staff members of the Department of Spore Plants of M.H. Kholodny Institute of Botany for technical assistance.

A. Oxner's contribution to lichenology

Scientists of Ukraine celebrate 100-years anniversary of the birthday of a prominent Ukrainian lichenologist, founder of the National lichenological Herbarium of Ukraine. Professor, Doctor of Biological Science, Member-Correspondent of National Academy of Sciences of Ukraine, Honored Scientist of Ukraine ALFRED MYCOLAYOVYCH OXNER (22.02.1898–20.11.1973).

He is a representative of that highly educated generation of the Ukrainian intellectuals, with which an epoch of the prime flourishing of national culture of Ukraine is associated.

It is difficult to over-estimate an importance of the Oxner's contribution to lichenology in Ukraine. One of the brightest pages of the history of the whole Ukrainian botanical science development is rightfully bound up with the name of Alfred M. Oxner

Biographical sketches of Oxner, with details of his botanical activities, are published in several papers. The most complete essay on research, organization, teaching and public activities of Oxner was prepared to his 90-years anniversary in 1988 (Alfred Nikolaeovich Oxner, 1988). However, all of them are published only in Ukrainian or Russian and therefore rather poorly known for a large part of the lichenological community. During the last 10 years several publications on Oxner's contribution to lichenology based on the basis of his published and archival materials (Oxner et al., 1989; Kondratyuk, Mikhailova, 1990; Wasser, Kondratyuk 1989, 1990; Kondratyuk 1990) were published. Index of lichen names described and proposed by Oxner, on the basis of an analysis of published Oxner's works, was prepared (Kondratyuk, 1992). Oxner's contribution to the study of the Crimean lichen flora is shown as well (Kondratyuk, Mikhailova, 1990). Oxner's unpublished heritage on the lichen flora of Ukraine (Wasser, Kondratyuk, 1989; Kondratyuk et al., 1993) as well on the crustose representatives of the Teloschistaceae (Kondratyuk, 1990 a,b) is shown separately (see below as well). Importance of Oxner's contribution to the study of lichen flora of the Russian Far East was recently emphasized too (Kondratyuk et al., 1996; Kondratyuk & Poelt, 1997). Furthermore some new pages of Oxner's biography were opened owing to special study of Oxner's archival materials, kept in the Institute of archives of National Academy of Sciences of Ukraine and M.H. Kholodny Institute of Botany of National Academy of Sciences of Ukraine and some papers kept in Oxner son's family (Sergey A. Oxner and his wife Natalia M. Oxner).

Biography

Alfred M. Oxner was born February 22nd. 1898*** in Elysavetgrad town (now Kirovograd town), Ukraine in a German noble family (Table 1). [*** In all materials published before it was mentioned that Oxner was born February 15th. 1898. However according to the copy of Oxner's birth-certificate, kept in his son's (Sergey A. Oxner's) family, the real birthday is February 22nd. According to Sergey A. Oxner's opinion this mistake happened during next rewriting of the passport. However, A. Oxner did not mind himself against the latter to keep as a secret his noble origin in the former socialist regime. Furthermore, Oxner has had to keep in a secret his real nationality (since 1930s years he was a Russian according to all his papers). It seems to be a bright example of a real tragedy of outstanding person in the former soviet regime].

MAIN DATES OF A. OXNER'S LIFE AND ACTIVITY

22 February 1898	was born in Elysavetgrad (now Kirovograd), Ukraine
1917–1919, 1922–1924	student of Kyiv University
1920–1922	teacher of nature in secondary schools
1922,	
1924–1926	researcher (conservateur), post graduate student and researcher of Institute of Botany
1926–1927	senior researcher
1927–1931	head of Dept. of Spore Plants
1931–1941	head of Dept. of Lichenology
1935	the degree of bachelor (candidate) of biological science was conferred without defense (<i>'honoris causa'</i>)
1941–1942	teacher of secondary schools
1942–1944	senior researcher
1942	the degree of Doctor of Biological Science was conferred
1943	the title of Professor was conferred
1944–1968	head of Dept. of Lichenology
1968	the title of the Honored Scientist of Ukraine

	was conferred
1968–1970	Director of Institute and Head of Dept. of Lower Plants
1970–1973	Head of Dept. of Spore Plants
1972	was elected member–correspondent of the Academy of Sciences of Ukraine
20 November 1973	day of death

In A. Oxner's birth–certificate his real parents, e.g. his noble father Nicolay Ochsner, ensign in the reserve, farmer, and his mother Wilgelmine (her maiden name Wilgelmine geb. Schwartz) are mentioned as well. However Oxner grew up in family of his [named] mother Zinaida Lazarevna Solomonova in Elysavetgrad and her brother's family Morits Lazarevich Solomonov. Oxner considered M.L. Solomonov as his father during a whole life and tried to follow his style of life.

Oxner finished gymnasium 1917, and joined the Kyiv University, namely natural division of physical and mathematical faculty. Later this university was reorganized to Kyiv highest institute of public education, and Oxner graduated latest 1924. He had an opportunity to attend to lectures of the following famous Ukrainian scientists: A.V. Fomin, M.H. Kholodny, I.I. Shmalgauzen, N.N. Voskoboynikov which exerted great influence on formation of his outlook.

Oxner's high disposition to scientific work was displayed during his student time yet, when he has been a probationer of the laboratory in Botanical Garden of Kyiv University. His scientific interests have been connected with the study of vascular plant flora at that time. During reorganization of Kyiv University and interruptions in the teaching process in the latest Oxner worked as teacher of the natural sciences in the secondary schools and agricultural technical secondary school in Elysavetgrad. At the same time he studied local flora with the big enthusiasm. Results of his study were published in Oxner's first scientific paper "*On some rare plants of Zinoviv district of Kherson region*" (Oxner, 1924 b). Interest to vascular plant was kept by Oxner for long time. Even when lichenology is became his main speciality, Oxner has continued to study the taxonomy of several groups of vascular plants. So, the taxonomic treatment of the family Liliaceae has been done by Oxner for fundamental edition of the "*Flora of Ukraine*" (Oxner, 1935 b).

Since 1922 Oxner was appointed as a member of part–time staff, namely a conservateur of Botanical Cabinet and Herbarium of the Academy of Science of Ukrainian SSR. After graduating Institute Oxner was appointed as post–graduate student since 1922 and researcher of the Herbarium of Kyiv Botanical Garden. Academician A.V. Fomin was his first teacher, which allowed to his student wide possibilities for analysis and discussion of questions of various fields of the botany. Later famous scientists D.K. Zerov, P.F. Oksiyuk, Yu.D. Kleopov, A.S. Lazarenko took part in all these discussions. Oxner did several botanical excursions on territory of Ukraine and Belorus' collected and elaborated large



Oxner's father, Morits Lazarevich Solomonov



Alfred Oxner in gymnasium

cation "*Materials to flora of the lichens of Belarus*" was published in 1924 (Oxner, 1924a). After graduating of a post-graduating course in 1926, Oxner worked as senior researcher in Kyiv Botanical Garden. He was promoted a head of Department of Cryptogamic Plants when the Garden was transformed to Research Institute of Botany and a head of Dept. of lichenology since 1931.

The degree of bachelor (candidate) of biological science was conferred upon Oxner without defense of thesis (*honoris causa*) in 1935. The scientific activity of Oxner was interrupted by the second World War. He evacuated to Kirov town and worked as a teacher in the secondary school, in 1942. Oxner went to Ufa town according to an invitation of the Institute of Botany. There he worked by senior researcher and in heavy time of war Oxner finished and defended the doctoral thesis "*Analysis and history of Arctic lichen flora origin*".

The degree of Doctor of Biological Science was conferred upon Oxner in 1942 and title of professor in 1943. Whole life and activity of scientist were inseparably linked with Institute of Botany (Table 1).

Oxner was a head of Department of spore plants from 1931 to his death. Since 1968 to 1970 he was a director of Institute of Botany too. Oxner was doubtless accepted leader of the former Soviet lichenology.

The scientific research carried out by Oxner was concentrated in the following main trends: floristics, taxonomy, phylogeny, botanical geography and phytocoenology.

Floristics and taxonomy

a) Ukraine

Results of the floristical and taxonomical study of Ukrainian lichen flora are rather important among Oxner's heritage. He studied lichen flora of Ukraine deeply and in detail during his entire life. The first materials of Oxner's investigations appeared in papers published in 1925–1935 (Table 2). Among the last it is necessary to emphasize a large work '*The study of lichen flora of rock outcrops of Ukraine*' (Oxner, 1927 a). It is not only floristical one. It includes data on hitherto poorly explored epilithic lichen flora as well as morphological, taxonomic, ecological and coenotic peculiarities of lichens.

THE MOST IMPORTANT A.M. OXNER'S CONTRIBUTION TO LICHENOLOGY

(1) floristical study lichens of Ukraine

**articles on results of floristical, taxonomic and coenological study of
the lichens of Ukraine**



Oxner's parents, Zinaida Lazarevna Solomonova and Morits Lazarevich Solomonov



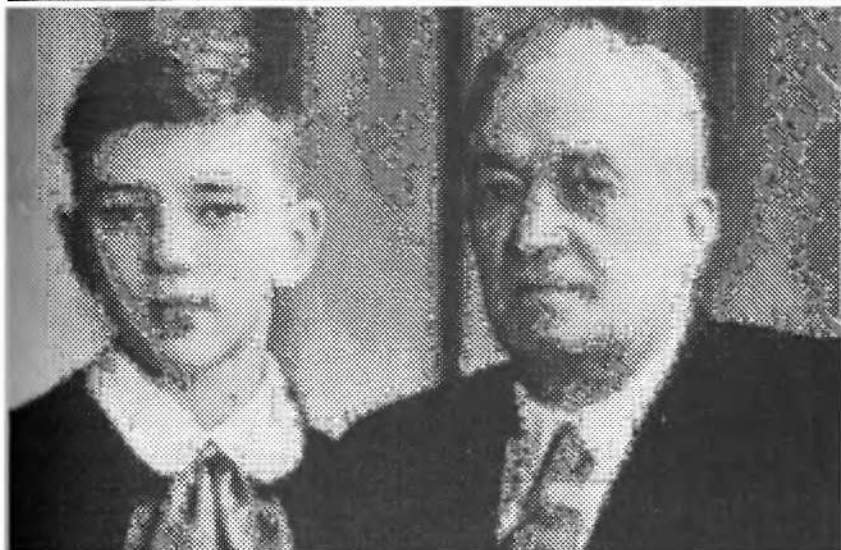
Oxner with his wife, Anna Mykolaivna, and his brother, Mykola Moritsovich Solomonov, 1930s in the vicinity of Kiev



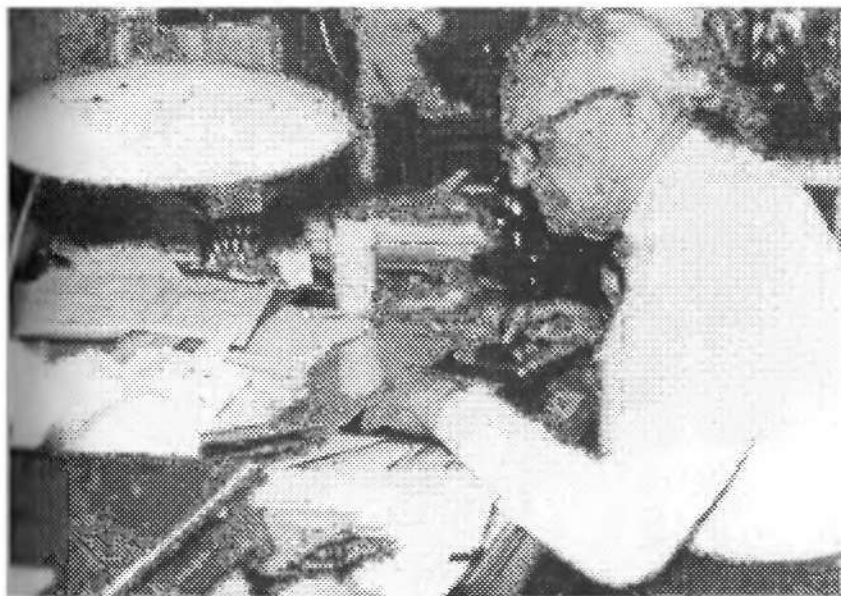
Oxner with his wife, Anna Mykolaivna, 1930s years



Alfred Oxner, 1930s years



Oxner with his son Sergey, 1960s years



Oxner in laboratory, 1970s years



In Department of Spore Plants, 1970s years. Dr. Anna F. Bachuryna and Prof. Alfred Oxner (the first line) and Dr. Larysa Ya. Partyka (left), Mrs Natalya G. Beznis, Dr. Yevgenia G. Kopachevskaya (the second line)

Oxner 1925 a,b, 1927 a,b, 1928 a,b, 1929 a,b, 1931, 1935, 1936, 1949, 1955, 1959, 1961, 1973

"Handbook of the lichens of Ukraine" (Oxner, 1937)

"The Flora of the lichens of Ukraine" (Oxner, 1956, 1968, 1993*)

lichen flora of the former Soviet Union:

articles on results of floristical and taxonomic studies: lichens of the

Middle Asia — Oxner 1929 a,b, 1933, 1939, 1961

lichens of the Far East — Oxner 1934, 1960, 1965

lichens of the Eastern Siberia — Oxner 1939, 1940 a,b,c, 1970

lichens of the Arctic — Oxner 1944, 1946, 1948

lichens of the Ural — Oxner 1945, 1948

lichens of the former USSR in general — Oxner 1928, 1930, 1938, 1940, 1960

"Handbook of the lichens of the USSR": issue 1 (Genus *Aspicilia*)

"Handbook of the lichens of the USSR": issue 2 (Morphology, taxonomy and geographical distribution)

"Handbook of the lichens of the USSR": issue 4 (Families Thelocarpaceae, Dermatocarpaceae, Endocarpaceae, Normandinaceae, Genera *Gongylia*, *Thelopsis*)

(2) taxonomical study of lichens

- more than 110 new for sciences taxa described
(54 species, 17 varieties, 37 forms)
- 52 supraspecific taxa described
(4 series, 17 sections, 3 families)
- more than 270 new lichen names proposed

(3) coenotic and ecological study of lichens

A. Oxner is one of the founders of coenotical study of lichens: 'The study of lichen flora of rock outcrops of Ukraine' (Oxner 1927a)

- species and interspecies lichen competition:

'Mutual relations of lichens in epilithic communities of steppe reserves of Ukraine' (Oxner, 1961)

'Epilithic lichen communities of steppe reserve 'Kamyani Mogily' on the South of Ukraine' (Oxner, 1962).

(4) historical-geographical approach to analysis of regional lichen florae

- doctoral thesis 'Analysis and history of Soviet arctic lichen flora origin' (Oxner 1940–1942)
- A. Oxner is a founder of well known Ukrainian school of historical geography of spore plants

(5) Taxonomical position and evolution of lichens

main phylogenetic links and trends of lichen evolution

Accumulation of numerous floristical data has allowed to prepare to publication '*Handbook of lichens of Ukraine*' ('*Vyznachnyk lishainykyv Ukrainy*' [in Ukrainian]) (Oxner, 1937). It had great importance for development of lichenological investigations in Ukraine as well as in the whole former Soviet Union. This manual has widely been used in research institutions of the whole former Soviet Union during long time.

The fundamental work '*Flora of the lichens of Ukraine*' is a sum of the study of lichen flora of Ukraine and the end of floristical works of Oxner. This brilliant work, without any doubt, can be considered as one of the most outstanding works in the world of lichenological literature in floristical field. History of taxonomic opinions of all families and genera treated was critically analyzed and numerous

valuable comments on taxonomy and ecology of each lichen species are provided in 'Flora'. Geographical analysis of lichen flora which usually was absent in lichenological work of such type before, was included in the 'Flora' together with perfectly written taxonomic part of 'Flora'. At the beginning it was prepared and written as work of two volumes. But after including of the Crimea to Ukraine it was completely remade, and in the final version it was planned to publish it in three books.

Unfortunately 'Flora' was not completed and published during Oxner's life. Only two issues of the 'Flora' have been published during Oxner's life (Oxner 1956, 1968). Some fragments of the manuscript of the last issue of the 'Flora' was kept in Institute of Archives (the former Central Scientific Archives) of the National Academy of Sciences of Ukraine. And the first attempts on the preparation to publication of Oxner's unpublished heritage since 1987 were concentrated on the manuscript "*Flora of the lichens of Ukraine*" (volume 2 part 2). The total volume mentioned was too big, and it was divided into two parts in 1989. The second part of the second volume of the "Flora" was submitted to publishing house in 1989 (however it was printed only in 1993 [Oxner 1993]). The last (the third) part of the second volume of Oxner's 'Flora' was prepared for publication as well. Unfortunately, it is still not published due to lack of financial support. The last book of the 'Flora' planned to be updated in 1998. [*Ukrainian lichenologists hope to find support for its publishing in 1998 year and dedicate its publication to 100 years anniversary of Oxner's birthday. They would be extremely thankful to everybody for any financial support for publication*].

In general creation of the '*Flora of the lichens of Ukraine*' by Oxner adds his name to the world names of lichenologists.

b) the former Soviet Union territory

A number of expeditions to several regions of the former Soviet Union almost unexplored lichenologically at that time, namely Ural (1926), 'Zabaikalie' (1927). Kolski peninsula (1928), Caucasus (1936), and Altai (1940) have been done by Oxner in the same time with deep detailed study of Ukrainian lichens. After it he published some papers on results of treatment of these most interesting materials (Table 2).

At the same time Oxner treated large collections of other collectors: A.S. Lazarenko (Middle Asia), B. Kolesnikov, N. Kabanov (Far East), B. Tikhomirova (Arctic), V. Gorodkova (Ural, Arctic), M. Karavajeva, T. Rabotnov, N. Sheludyakova, N. Prakhov et al. (Yakutia) together with his own [=personal] collections mentioned above.

Our knowledge on lichen flora of unexplored regions of the former Soviet union mentioned has considerably widened due to Oxner's investigations. Large floristical lists of lichens with valuable critical comments were published by Oxner in '*Materials to the lichen flora of Middle Asia*' (Oxner, 1929c, 1933, 1933a), in four publications on lichens of Lena, Jana, Indigirka Rivers and South Pribaikalja

(Oxner, 1939c, 1940a,c,d) and in 'Materials to lichen flora of Ural and adjoining regions' (Oxner, 1945, 1948c).

Oxner's results of the study of Russian Far Eastern lichens changed opinion on lichen flora of Asian part of the former Soviet Union and stimulated interest to further investigations.

There are some Oxner's unpublished manuscripts "*Lichen flora of Ural*" (1935 year) for which Oxner deserved the Degree of Doctor '*honoris causa*' according to famous Russian lichenologists V. Savich and A.A. Elenkin; "*Handbook of the lichens of Soviet Arctic*" (1939 year), "*Flora of the lichens of the USSR Family Caloplacaceae*" (1959–1974 years) as well.

The Oxner's manuscripts "*Lichen flora of Ural*" (1935 year) was written in Ukrainian with enlarged German summary**. (**The late J. Poelt (pers. com.) recommended to prepare it for publication together with list of species in 1993). According to recent treatment a. 350 lichen species are listed in Oxner's manuscript "*Lichen Flora of Ural*". The most recent list of Ural lichens published by K.A. Ryabkova (1991) includes a. 500 species. However, there are more than 50 lichen species mentioned by Oxner in his manuscript which are absent in Ryabkova's list. Thus a. 10% of information on Ural lichens is out of attention of lichenologists because Oxner's paper is still unpublished.

The fundamental work '*Handbook of the lichens of Soviet Arctic*' was prepared by Oxner in 1939 according to order of the Institute of Polar agriculture. Unfortunately, this work was not published for various reasons beyond author's control at that time. In the same time this Oxner's work was well known to Russian (or the former Soviet) lichenologists in 1940–1960s years, and during this period (before printing of the "*Handbook of the lichens of the USSR*") was widely used by all lichenologists who worked with lichens of Arctic and close territories. And it played important role in flourishing of lichenological studies in Russian Arctic in 1950–1960s years mentioned by Andreev with colleagues as 'informational explosion' (Andreev et al. 1996a). It is pity that this page of the former Soviet lichenology is out of attention of Russian lichenologists now (Andreev et al. 1996 a,b). Comparison of Oxner's '*Manual*' and last checklist of Russian Arctic lichens (Andreev et al. 1996b) [hereafter 'checklist'] shows that both works include almost the same number of treated taxa. There are 1037 lichen species in Oxner's manuscript, and 1078 species in the 'checklist'. However, only 706 species, the same lichen species (65.5% of 1078 species of 'checklist') are presented in both works. More than 330 species mentioned in Oxner's manuscript are missing in the 'checklist'. Of them: 80 species were included by Oxner as possible for Arctic regions, more than 90 species were recorded from Arctic regions which were not included by authors of 'checklist' in the studied territory. However there still are more than 40 lichen species recorded in Oxner's manuscript for the same Arctic regions which are treated by the mentioned authors. Thus there is some additional information for future studies in Russian Arctic in Oxner's paper. So,

Oxner's results on the study of Ural and Russian Arctic lichens are still actual for lichenologists.

Oxner's archival materials on the crustose lichens of the family Teloschistaceae (*Flora of the lichens of the former USSR*) have been studied first of all since 1987 as well. In 1959 Oxner prepared a manuscript on "*Flora of the lichens of the USSR. Family Caloplacaceae Zahlbr.*" which included results of a long-period special taxonomic treatment of the mentioned lichen groups. Oxner worked on updating and completing of this manuscript till his last days. According to Institute's printing plan it should have been submitted to publication in 1974 (see also Kondratyuk 1990). Unfortunately, Oxner died in November 1973.

This Oxner's manuscript was updated and added sufficiently by recent data on taxonomy of crustose lichens of the family Teloschistaceae and submitted as "*Crustose lichens of the family Teloschistaceae of NIS and Baltic countries*" to publishing house "Naukova dumka" (Kiev, Ukraine) in 1990. Unfortunately, it is still there without any progress (it is again connected with the lack of financial support). The most important part of the manuscript, namely '*Keys to genera and species of crustose lichens of the family Teloschistaceae*', was published in 1990 (Oxner 1990). Some difficulties of preparation of the mentioned manuscript were connected with missing of many herbarium specimens treated by A. Oxner. In particular, taxa mentioned as '*nomina nuda*' in Oxner 1990 are in urgent need of search. Today we have only one taxon, namely *Caloplaca phloginoides* Oxner nomen nudum, published as *Caloplaca oxneri* S. Kondr. & Soechting (Kondratyuk et al., 1996) of the mentioned taxa.

Now there is agreement between Russian and Ukrainian lichenologists that Oxner's manuscript after subsequent revision and rewriting will be included in the next volume of "*Handbook of the lichens of Russia*" (which is the continuation of the well known edition of "*Handbook of the lichens of the USSR*").

At the end it is necessary to emphasize an importance of the second volume of the '*Handbook of the lichens of the USSR*' written as general introduction on morphology, taxonomy and geographic distribution of lichens. It is first Manual on lichenology indeed on the territory of the former Soviet Union.

c) taxonomy

Brilliant florist Oxner was also a delicate expert taxonomist. It is enough to remember his treatment of such difficult genera for determination as *Aspicilia* Massal. in '*Manual of the lichens of the former Soviet Union*', *Acarospora* Massal., *Lecidea* Ach., *Cladonia* Hillm. etc. for '*Flora of the lichens of Ukraine*'. More than 110 new lichen species, varieties and forms have been described by Oxner from various regions of the former Soviet Union (see also Kondratyuk, 1992 and chapter "A catalogue...").

Theoretical questions of lichen taxonomy and phylogeny were also treated by Oxner. He developed the idea of E. Vainio, that the lichens are a special biological group of fungi differing from the other fungi only by style of life and nutrition.

In his publications '*Taxonomic position of lichen and their main phylogenetic lines of development*' (Oxner, 1953) and '*To taxonomic position of lichens*' (Oxner, 1954) Oxner showed that lichens do not present one simple evolutionary line. The tendency to symbiotic life with algae of various taxonomic positions were shown to involve numerous phylogenetically distant fungal orders. It is necessary to note that this opinion has become totally accepted only at the last decades of the 20th century (Nash, 1996).

Phytogeography

Oxner had shown a special interest in phytogeography and history of plant cover development. He discussed lichen floristical data in the light within general botanical and geographical ideas. Oxner gave full and detailed floristical (geographical, genetic, migration and historical) analysis of the studied lichen flora using the zoned principle in grouping of lichen distribution areas in his doctoral thesis '*Analysis and history of Soviet arctic lichen flora origin*'. He paid attention for the first time to the questions of historical lichen geography and emphasized similarity in distribution of vascular plants and lichens.

System of geographic elements of lichen flora proposed by Oxner for the lichen flora of Russian Arctic was widely accepted in works of many of the former soviet botanists as one of the most scientifically grounded principle.

Oxner outlined some important and unknown pathways of late immigrations of flora and pathways of being populated on erratic territories. Oxner' hypotheses about only one Anthill way of migration as northern as southern immigrants of bipolar species, which has being studied over 100 years before Oxner, was supported by others specialists later.

It is very unfortunate that Oxner' results have not been published fully. However some chapters of this work published as separate articles '*Nemoral element in the lichen flora of the Arctic*' (Oxner 1946) and '*On the origin of areas of distribution of bipolar lichens*' (Oxner 1944) have made many new valuable suggestions to phytogeography and they have great theoretical value.

Oxner paid for the first time attention on the presence of tropical and subtropical lichens, namely Japanese – Chinese lichens in the flora of the Russian Far East. He also showed links of Japanese – Chinese lichen groups with species of Eastern Siberia. For example, according to Oxner *Bombyliospora japonica* Zahlbr. is rather young immigrant in this lichen flora of the Far East. Time of its immigration is not earlier than Pleistocene. Finding of *Roccella fucoides* (Neck.) Vain. in the Crimea permitted to make conclusion on existence of ancient connection of the Crimean peninsula with northern part of Balkan peninsula.

Oxner's paper '*Epiphyllous lichens of the Caucasus and their general distribution*' is especially interesting. The author made detailed analysis of phenomena of epiphyllies, ecological peculiarities and phylogenetic relations of representatives of this ecological group found in the Caucasus. It was especially distinctly shown that epiphyllic lichens in Caucasus had isolated and relict character of general distribution of this group.

Lichen coenology and ecology

Oxner is one of the pioneers in lichen coenology too. He studied lichen communities, mutual relations of their components, and their genetic and ecological links. One of his first paper, namely '*The study of lichen flora of rock outcrops of Ukraine*' (Oxner 1927a) was devoted to the study of lichen communities. Methods of the study of epilithic lichen communities created and applied by Oxner has been widely used by numerous lichenologists later on. The presence of species and interspecies competition and struggle for space, as well as scales of abilities of lichen species studied to competition were discussed by Oxner in two special papers: '*Mutual relations of lichens in epilithic communities of steppe reserves of Ukraine*' (Oxner, 1961) and '*Epilithic lichen communities of steppe reserve 'Kamyani Mogily' on the South of Ukraine*' (Oxner, 1962).

Important contribution of Oxner is to lichen ecology as well. In numerous publications and especially in the 'Flora' results of numerous his field studies are summarized with ecological comments to each species.

Oxner's scientific activity had large influence on development of home botany in general and namely plant geography. There are a number of spore plants described in honour of the famous Ukrainian lichenologist: *Aspicilia oxneriana* Blum., *Caloplaca oxneri* S. Kondr. & Soechting, *Cladonia oxneri* Trass., *Dermatodon oxneri* Lazarenko, *Endopyrenium oxneri* Akram., *Haematomma oxneri* Vodop., *Lecanora oxneri* Cretz., *Melaspilea oxneri* Makar., *Physcia oxneri* Inasch., *Porina oxneri* R. Sant. and *Xanthoria alfredii* S. Kondr. & Poelt.

He was doubtless one of the remarkable widely educated scientists of own country who exerted great influence on the development of several fields (sections) of botany. A.M. Oxner's activity is a whole epoch in home lichenology, in the development of adjacent fields of the study of Ukrainian spore plants.

The following scientific meetings in Ukraine in 1998 are dedicated to 100-years anniversary of Oxner's birthday: — joint meeting of Scientific Council of M.H. Kholodny Institute of Botany and Ukrainian Botanical Society in February (Kiev); — Darwin international workshop "*Lobarion* lichens as indicators of primeval forests of Eastern Carpathians" in May (Kostrino, Zakarpatska oblast); — next meeting of young botanists of Ukraine in September (Kherson, Kherson oblast).

A CATALOGUE OF THE NEW LICHEN NAMES DESCRIBED AND PROPOSED BY A.M. OXNER

The numerous new species, varieties, forms and supraspecific taxa as well as new combinations proposed by Oxner from 1924 to 1987* were listed earlier (Kondratyuk 1992). (*All papers published after 1973 were published after author's death) However, some new lichen names described and proposed by Oxner are published after it (Oxner 1990, 1993). An updated list of Oxner's new taxa and combinations is given below to provide an easy survey for lichen taxonomists.

The total number of new lichen names introduced by Oxner was 384, comprising 52 taxa of supra specific ranks (3 new families, 17 new sections, 74 new series, 28 new combinations and also 12 emendations), 54 new species, 17 new varieties, 37 new forms and 6 new names (*nomina nova*), and also 278 new combinations. One of the new Gyelnik's form of lichens (*Peltigera perfida* Gyeln. f. *lophyroides* Gyeln.) was described in Oxner 1930:60. It is not within the scope of the present paper to assess the validity of these new species, varieties or combinations. Their correctness or eventual synonymy will be the task of future monographers. Some comments on unlisted lichen names proposed by A. Oxner were given in previous paper (Kondratyuk 1992).

The taxa marked by abbreviation "K.W." are represented by herbarium specimens in lichenological herbarium of M.H. Kholodny Institute of Botany, Kiev (K.W.).

New Names and New Combinations of Supraspecific Rank Taxa

Acarospora Massal.

Subgen. **Pachnolepia** (H. Magn.) Oxner 1968: 418

Aerocordiaceae Oxner 1956:144

Anisomeridium (Müll. Arg.) Oxner 1956: 152

Arthonia Ach.

subgen. **Melanocarpia** (Reding) Oxner 1956: 271

sect. **Endoleuca** (Reding) Oxner 1956: 276

subgen. **Chromatocarpia** (Reding) Oxner 1956: 285

Arthopyrenia Massul. em. Oxner 1956:152

sect. **Dimeridia** Oxner 1956: 154, 152

sect. **Polymeridia** Oxner 1956 156,152

Biatora Ach. em. Koerb.

sect. **Aeneae** (Lyng.) Oxner 1968: 73,70

sect. **Tenebrasae** (Th.Fr.) Oxner 1968: 77,70

subgen. **Steinia** (Koerb.) Oxner 1968: 98,70

Bilimbia De Not

sect. **Diplophragmia** (Vain.) Oxner 1968: 132

Buellia

sect. **Catalechiopsis** Oxner 1933: 170

Calicium Pers.

sect. **Chaenothecopsis** (Vain.) Oxner 1956: 308

sect. **Eucalicium** Oxner 1956: 314

Cladonia Hillm. em. Vain.

sect. **Coccifera** (Del.) Matt.

subsect. **Leporinae** (A. Evans) Oxner 1968: 224

sect. **Unciales** (Del.) Oxner 1968: 312,224

Coenogoniaceae (Link) Stiz. em. Oxner 1956: 347

Cyphellium Ach.

sect. **Xanthocyphellium** (Vain.) Oxner 1956: 328

Dermatocarpon (Eschw.) Th. Fr.

sect. **Entosthelia** (Wallr.) Stiz.

ser. **Nudae** Oxner 1936: 52

ser. **Polychizion** (Vain.) Oxner 1936: 52

Endocarpaceae (Fr.) Vain. em. Oxner 1956: 213

Endocarpon Hedw.

ser. **Adcendentes** Oxner 1956: 214

ser. **Inconspicui** Oxner 1956: 214

ser. **Pusilli** Oxner 1956: 214

Endopyrenium Flot.

sect. **Euendopyrenium** Oxner 1956: 129

sect. **Catopyrenium** (Stiz.) Oxner 1956: 134

Heppia Naeg. em. Oxner 1956: 407

Hypogymnia (Nyl.) Nyl.

ser. **Capitatosoraliferae** (Bitt.) Oxner 1993: 94, 98

ser. **Diffusesorediosae** (Bitt.) Oxner 1993: 89, 92

ser. **Labrosesoraliferae** (Bitt.) Oxner 1993: 91

sect. **Tubulosae** (Bitt.) Oxner 1993: 89, 92

Lecidea Ach. et Massal. s.str.

sect. **Fuliginosae** Oxner 1968: 65,25

Lichinaceae Zahlbr. em. Oxner 1956: 367

Nephroma Ach.

subgen. **Nephromium** (Nyl.) Stiz. em. Oxner 1956: 456

subgen. **Opisteria** (Ach.) Oxner 1956: 455

Normandinaceae Oxner 1956:140

Peltigera Pers.

sect. **Emprosthea** (Ach.) Vain. em. Oxner 1956: 433,434

sect. **Phibia** Wallr. em. Oxner 1956: 433,449

Pertusaria DC.

subgen. *Ampliaria* Erichs.

sect. **Leioplaxia** Oxner 1968: 466

sect. **Binariae** Oxner 1968: 471

subgen. *Lecanorastrum* (Müll. Arg.) Erichs.

sect. **Oculatae** Oxner 1968: 472

Placoheppia (Zahlbr.) Oxner 1956: 407

Polyblastia Massal. em. Lonnr.

sect. **Thelidioides** (Zschacke) Oxner 1956: 201

sect. **Polyblastidea** (Zschacke) Oxner 1956: 202

sect. **Sporodictyon** (Massal.) Oxner 1956: 205

Polyblastiaceae Oxner 1956: 193

Polyblastiopsis Zahlbr.

sect. **Oetosporae** Oxner 1956: 195

sect. **Oligosporae** Oxner 1956: 195

sect. **Geminellae** Oxner 1956: 195

sect. **Monosporae** Oxner 1956: 195

Porina (Ach.) Müll. Arg.

sect. **Schizospora** Oxner 1956: 160

Pseudosagedia (Müll. Arg.) Oxner 1956: 148,144

sect. **Mesopyrenia** (Müll. Arg.) Oxner 1956: 149

sect. **Pseudosagediopsis** Oxner 1956: 150

Psora Hoffm. em. Koerb.

sect. **Placolepsis** (Trev.) Oxner 1968: 100

sect. **Microspora** (Vain.) Oxner 1968: 103

sect. **Astroplaca** (Bagl.) Oxner 1968: 106

Pyrenula Fee

ser. **Productae** Oxner 1956: 191

Pyrenulaceae (Massal.) Vain. em. Oxner 1956: 183

Staurothele Norm.

sect. **Stigmatomma** (Koerb.) Oxner 1956: 207

sect. **Polyblastioides** Zschacke em. Oxner 1956: 207

Thelidium Massal.

sect. **Tecti** Oxner 1956: 169

sect. **Nudi** Oxner 1956: 172, 169

Thelotrema Stiz. em. Oxner 1956: 335

Verrucariaceae (Gray) Zahlbr. em. Oxner 1956: 97

New Names of Species, Varieties and Forms

Aspicilia

- aspera* (Mereschk.) Tomin
 var. *evoluta* Oxner 1971: 199
grossheimii Oxner 1940 b: 103; 1971: 177 (KW)
lacteola Oxner 1939a: 118; 1971: 214 (KW)
lazarenkoi Oxner 1929c: 87; 1971: 188 (KW)
 f. *lazarenkoi* Oxner 1929c: 87; 1971: 189
 f. *pulcherrima* Oxner 1929c: 87; 1971: 189 (KW)
thjanschanica Oxner 1929c: 87; 1971: 189 (KW)
tominii Oxner 1971: 197; 1972: 291
transbaicalica Oxner 1933: 171; 1968: 100; 1971: 200 (KW)
 f. *pallida* Oxner 1933: 172
vagans Oxner 1971: 196; 1972: 291

Bacidia

- luteola* (Schard.) Mudd
 f. *areolata* Oxner 1968: 153 (KW)
pulchra Oxner 1935a: 81; 1937: 157 (KW)
zerovii Oxner 1948b: 95 (KW)

Biatorella deplanata Almq.

- var. *excelsa* Oxner 1968: 497, 400

Buellia gordjagini Oxner 1933: 169 (KW)

- kirghisorum* Oxner 1939a: 130 (KW)

Catillaria griffithii (Sm.) Malme

- f. *areolata* Oxner 1968: 120

Caloplaca

- barchalovii* Oxner [nomen nudum] 1990: 15, 45, 46
decipiens Arnold
 f. *corticola* Oxner 1930: 66 (KW)
phloginoides Oxner [nomen nudum] 1990: 15, 33

Cetraria

- andrejevii* Oxner 1940d: 44 (KW)
annae Oxner 1933: 167 (KW)
braunsiana (Müll. Arg.) Zahlbr.
 f. *sorediosa* Oxner 1940b: 104 (KW)
chrysantha Tuck.
 f. *glaucescens* Oxner et Rassad. 1960: 10
cucullata (Bell.) Ach. (KW)
 var. *rabotnovii* Oxner 1940d: 47; 1993: 247
potanini Oxner 1933: 168 (KW)
saviczii Oxner et Rassad. 1960: 6
 var. *candida* Oxner et Rassad. 1960: 9

Cladonia

- alpestris* (L.) Rabenh.
 f. **orientalis** Oxner 1926: 8
botrytes (Hag.) Wiild.
 var. **sorediosa** Oxner 1948c: 30 (KW)
floerkeana (Fr.) Sommerf.
 var. *carcata* (Ach.) Nyl.
 f. **epistelis** Oxner 1925: 13; 1937: 178; 1968: 230 (KW)
kanewskii Oxner 1926: 9 (KW)
macilenta Hoffm.
 f. **crassa** Oxner 1925: 13; 1937: 179; 1968: 234 (KW)
rangiferina (L.) Web.
 f. **setigera** Oxner 1948c: 24 (KW)

Dermatocarpon

- bachmanii* Anders
 var. **borysthenicum** Oxner 1936: 57
borysthenicum (Oxner) Oxner 1937: 58; 1956: 137; 1977: 134 (KW)
vellereum Zschacke
 var. **fuscorhizoldeum** Oxner 1977b: 137

Endocarpon Hedw.

- adscendens* (Anzi) Müll. Arg.
 var. **vesiculare** Oxner 1956: 488, 216; 1977c: 141 (KW)
inconspicuum Oxner 1949: 59; 1956: 218; 1977c: 145, 146 (KW)
obscuratum Oxner 1949: 61; 1956: 217; 1977: 144 (KW)

Endopyrenium Flot.

- lambii** Oxner 1977: 122 (KW)

Evernia

- prunastri* (L.) Ach.
 f. **vagans** Oxner 1925: 11; 1937: 273; 1993: 310 (KW)
 var. **excrecens** Oxner 1993: 310

Flavoparmelia

- caperata* (L.) Hale
 var. **reticulata** Oxner & S. Kondr. in Oxner 1993: 207, 527 (KW)
 f. **verruculosa** Oxner & S. Kondr. in Oxner 1993: 207, 525 (KW)

Hypotrachyna

- revoluta* (Flk.) Hale
 f. **laciniata** Oxner & S. Kondr. in Oxner 1993: 175, 524 (KW)

Lecania

- alexandrea* Tomin
 f. **sperkii** Oxner 1927b: 90; 1937: 241; 1993: 71 (KW)
bullata Oxner 1939 a: 122 (KW)
ferganae Oxner 1929a: 62 (KW)
zinaidae Oxner 1931: 152; 1937: 243; 1993: 68, 81 (KW)

Lecanactis

deminuens (Nyl.) Vain.

f. *chlorinopruinosa* Oxner 1945: 228

Lecanora

argentea Oxner et Volk. in Volkova 1966: 283

configurata Nyl.

f. *diffracta* Oxner 1928b: 53

grossheimii Oxner 1940b: 103

lazarenkoi Oxner 1929c: 87

f. **pulcherrima** Oxner 1929c: 87

thjanschanica Oxner 1929:88

transbaicalica Oxner 1933: 171

f. **pallida** Oxner 1933: 172

Lecidea

gorodkovii Oxner 1939c: 132 (KW)

var. **rufescens** Oxner 1939c: 132 (KW)

karawajevii Oxner 1939c: 133 (KW)

lenensis Oxner 1939c: 133 (KW)

Leptotrema

lithophila Oxner 1960: 67 (KW)

Lopadium

leucoxanthum (Spreng.) Zahlbr.

var. **ussuriense** Oxner 1948b: 96 (KW)

Parmelia

altaica Oxner 1970: 176 (KW)

austerodes Nyl.

var. **obscurata** Oxner 1993: 98

borisorum Oxner 1940d: 33 (KW)

caperata (Ach.) Nyl.

var. **reticulata** Oxner (nomen nudum) 1993: 207

f. **verruculosa** Oxner (nomen nudum) 1993: 207

centrifuga (L.) Ach.

f. **palmata** Oxner 1940d: 34 (KW)

dubia (Wulf.) Schaer.

f. **isidiata** Oxner (nomen nudum) 1993: 200, 524 (KW)

f. **isidiosa** Oxner (nomen nudum) in Oxner 1993: 524

duplicatoides Oxner 1938: 222 (KW)

granulosula Oxner 1940: 36

perlata (L.) Ach.

f. **soredifera** Oxner 1924a: 33

revoluta (Flot.) Flk.

f. **laciniata** Oxner (nomen nudum) 1993: 175, 524

separata Th. Fr.

f. **microphyllina** Oxner 1940d: 42

- f. subcylindracea* Oxner 1940d: 41
- subcentrifuga* Oxner 1940d: 39
- submundata* Oxner 1938:221 (K W)
- teretiuscula* Oxner 1940d: 43 (K W)
- tiliacea* Ach.
- f. nigrescens* (nomen nudum) Oxner 1993: 184, 524 (K W)
- tominii* Oxner 1933: 171 (K W)
- trichotera* Hue.
- var. *claudelii* (Harm.) DR
- f. verruculosa* Oxner (nomen nudum) 1993: 214

Parmelina tiliacea (Hoffm.) Hale

- f. nigrescens* Oxner & S. Kondr. in Oxner 1993: 184, 524 (K W)

Parmotrema stuppea (Tayl.) Hale

- f. verruculosa* Oxner & S. Kondr. in Oxner 1993: 212, 214, 525 (K W)

Peltigera

- horizontalis* (Huds.) J. Baumg.
- f. scabrata* Oxner 1956: 449 (K W)

Pertusaria

- amara* (Ach.) Nyl.
- var. *kimmerica* Oxner 1968: 497, 48 (K W)
- globulata* Oxner et Volk. in Volkova, 1966: 285

Phylloporina

- obsoleta* Oxner 1939b: 309 (K W)

Physcia

- ciliata* (Hoffm.) DR.
- f. typica* Oxner 1925: 17 (K W)
- f. elegans* Oxner 1925: 17 (K W)
- japonica* (Hue) Vain.
- f. microphyllina* Oxner 1938: 226
- lithodes* Nyl.
- var. *brevispora* Oxner et Volk. in Volkova 1966: 286

Placodium

- configuratum* Lojka
- f. diffracta* Oxner 1937: 238 (K W)
- fragile* (Scop.) Szat.
- f. latibolum* Oxner 1939a: 120
- kotovii* Oxner 1939a: 120 (K W)
- sphaeroideum* Oxner 1961: 93 (K W)
- verruculiferum* Oxner 1939a: 121 (K W)

Psorotichia

- moravica* Zahlbr.
- var. *urcelata* Oxner et Kopacz. in Oxner 1956: 488.362 (K W)

Punctelia

subrudecta (Nyl.) Krog

f. *isidiata* Oxner & S. Kondr. in Oxner 1993: 200, 524 (KW)

Ramalina

kazakhorum Oxner 1940b: 105 (KW)

kardakovae Oxner 1940b: 108 (KW)

strepsilis (Ach.) Zahlbr.

f. *galeaeformis* Oxner 1927a: 37; 1937: 282 (KW)

Rhizocarpon

formosum Oxner 1939c: 137

Rinodina

melvillii Oxner 1939a: 131

Squamaria

columellaris Oxner 1956: 488, 209 (KW)

diffRACTA Oxner 1938: 217

elenkinii Oxner 1927a: 76; 1937: 54; 1956: 211

lazarenkoi Oxner 1939a: 112 (KW)

levinae Oxner 1939a: 112 (KW)

Staurothele

configurata (Nyl.) Oliv.

f. **diffRACTA** Oxner 1928b: 53

Stereocaulon

incrustatum Floerk.

var. **elatum** Oxner 1940c: 314

Sticta

arctica Degel.

f. **dentata** Oxner 1939c: 124 (KW)

Teloschistes

brevior

f. **halophyta** Oxner 1928a: 71; 1937: 305; 1993: 505, 506

Thelocarpon

tichomirovii Oxner 1940b: 102; 1977a: 111 (KW)

Thrombium

cretaceum Oxner 1955: 93; 1956: 125 (KW)

endogaeum Oxner 1949: 62; 1956: 124

Umbilicaria

subpolyphylla Oxner 1968: 497, 372 (KW)

Usnea *ceratina* Ach.

var. **ramulifera** Oxner 1993: 353

Verrucaria

cretophila Oxner 1955: 92; 1956: 115 (KW)

pontica Oxner 1936: 49; 1937: 53; 1956: 116 (KW)

Xanthoria

calcicola Oxner 1937: 302; 1993: 498 (KW)

New Combinations of Specific and Intraspecific Taxa

Arcthoparmelia

centrifuga (L.) Hale

f. *palmata* (Oxner) S. Kondr. in Oxner 1993: 162

Arthonia

endlicheri (Garov.) Oxner 1956: 284

Aspicilia

alboradiata (H. Magn.) Oxner 1971:209; 1972:286

aliena (Zahlbr.) Oxner 1971: 162; 1972: 286

alpina (Sommerf.) Arnold

var. *evolutior* (Zahlbr.) Oxner 1971: 190; 1972:286

var. *fraudans* (Räs.) Oxner 1971: 190; 1972: 286

arctica (Lynge) Oxner 1971: 181; 1972: 286

asiatica (H. Magn.) Oxner 1971:183; 1972:286

caesiocinerea (Nyl. in Malbr.) Arnold

var. *isidiata* (H. Magn.) Oxner 1971: 164; 1972: 287

candida (Anzi) Hue

var. *nikrapensis* (Darb.) Oxner 1971: 208; 1972: 287

cinereorufescens (Ach.) Massal.

var. *coracodisa* (Vain.) Oxner 1971: 190; 1972: 297

cingulata (Zahlbr.) Oxner 1971:200;1972: 287

f. *pruinosa* (Zahlbr.) Oxner 1971: 201; 1972: 287

f. *sublactea* (Zahlbr.) Oxner 1971: 201; 1972: 287

circularis (H. Magn.) Oxner 1971:205; 1972: 287

cupulifera (H. Magn.) Oxner 1971:178; 1972: 287

dendroplaca (H. Magn.) Oxner 1971: 207; 1972: 287

desertorum (Krempelh.) Mereschk.

var. *semivagans* Mereschk.

f. *sphaerothallina* (Steiner) Oxner 1971: 195; 1972: 288

f. *terrestris* (Tomin) Oxner 1971: 195; 1972: 288

udinensis (H. Magn.) Oxner 1971: 182; 1972: 288

endococcinea (Vain.) Oxner 1971: 171; 1972: 288

fimbriata (H. Magn.) Oxner 1971: 213

friesii (Lynge) Oxner 1971: 201; 1972: 288

fruticulosa (Eversm.) Flag.

var. *elegans* (Tomin) Oxner 1971: 198; 1972: 288

var. *fruticulosofoliacea* (Elenk.) Oxner 1971: 198

gibbosula (H. Magn.) Oxner 1971: 185; 1972: 288

griseopallida (Vain.) Oxner 1971: 166

hedinii (H. Magn.) Oxner 1971: 215; 1972: 288

heteroplaca (Zahlbr.) Oxner 1971: 168; 1972: 288

hyperboreorum (Zahlbr.) Oxner 1971: 207; 1972: 288

karelica (H. Magn.) Oxner 1971: 164; 1972: 289

- lacustris* (With.) Th. Fr.
f. concolor (Anzi) Oxner 1971: 175; 1972: 289
laevatoides (H. Magn.) Oxner 1971: 159; 1972: 289
f. recedens (H. Magn.) Oxner 1971: 159; 1972: 289
lapponica (Zahlbr.) Oxner 1971: 185; 1972: 289
maculata (H. Magn.) Oxner 1971: 178; 1972: 289
mashiginensis (Zahlbr.) Oxner 1971: 211, 212; 1972: 289
mikhnoi (Zahlbr.) Oxner 1971: 192; 1972: 289
myrini (Th. Fr.) Stein in Cohn.
var. subadunans (Vain.) Oxner 1971: 191
novae-semblae (Zahlbr.) Oxner 1971: 203; 1972: 289
ohrofusca (Zahlbr.) Oxner 1971: 167; 1972: 289
f. composita (Zahlbr.) Oxner 1971: 167; 1972: 290
peripterodes (Nyl.) Oxner 1971: 160; 1972: 290
perradiata (Nyl.) Oxner 1971: 210
var. efflorescens (Zahlbr.) Oxner 1971: 211; 1972: 290
pleiocarpa (H. Magn.) Oxner 1971: 160; 1972: 290
plicigera (Zahlbr.) Räs.
f. glaucescens (Zahlbr.) Oxner 1971: 206; 1972: 290
polychromoides (Steiner) Hue
var. rubescens (Steiner) Oxner 1971: 214
reticulata Krempelh. in Arnold
var. intermutans (Nyl.) Oxner 1971: 184
rimulosa (H. Magn.) Oxner 1971: 163; 1972: 290
ryrkaipiae (H. Magn.) Oxner 1971: 158; 1972: 290
simoensis Räs.
f. petsamoensis (Räs.) Oxner 1971: 187; 1972: 290
sphaerospora (Tomin) Oxner 1971: 171; 1972: 290
squamulosa (Steiner) Oxner 1971: 187; 1972: 291
subdissentiens (Nyl.) Oxner 1971: 181
sublapponica (Zahlbr.) Oxner 1971: 204
subplicigera (H. Magn.) Oxner 1971: 206; 1972: 291
subradiascens (Nyl.) Oxner 1971: 211
supertegens Arnold
var. albescens (H. Magn.) Oxner 1971: 203; 1972: 291
var. tenuior (H. Magn.) Oxner 1971: 203; 1972: 291
syernaiae (H. Magn.) Oxner 1971: 167; 1972: 291
vagans Oxner 1971: 196; 1972: 291
var. aschabadensis (J. Stein.) Oxner 1971: 197; 1972: 291
vaginans (Zahlbr.) Oxner 1971: 202; 1972: 291
valpellinensis B. de Lesd.
f. chiodectonoides (Anzi) Oxner 1971: 170; 1972: 291
verrucigera Hue

var. **obscura** (H. Magn.) Oxner 1971: 181; 1972: 292

Bacidia

igniarii (Nyl.) Oxner 1968: 166

inundata (Fr.) Koerb.

f. **subinundata** (Nyl.) Oxner 1968: 162

luteola (Schr.) Mudd

f. **porriginosa** (Ach.) Oxner 1937: 152; 1968: 153

muscorum (Sw.) Mudd

f. **protensa** (Koerb.) Oxner 1927a: 56

phacodes Koerb.

f. **carneolutea** (Nyl.) Oxner 1968: 163

sabuletorum (Schr.) Lett.

var. **accedens** (Arnold) Oxner 1939c: 136

Biatora

coarctata (Turn. ex Sm. et Sow.) Th. Fr.

var. **obtegens** (Th. Fr.) Oxner 1968: 82

var. **elachista** (Ach.) Oxner 1968: 82

f. **albomarginata** (Häzsl.) Oxner 1968: 83

cyathoides (Ach.) Oxner 1968: 78

fusca (Borr. ex Schacr.) Th. Fr.

var. **atrofusca** (Flot.) Oxner 1968: 92

var. **templetonii** (Tayl.) Oxner 1968: 92

fuscens (Sommerf.) Fr.

f. **boligera** (Norm.) Oxner 1968: 72

granulosa (Ehrh.) Flot.

f. **hilaris** (Ach. ex Nyl.) Oxner 1968: 86

var. **aporetica** (Ach.) Oxner 1968: 86

hilmanii (Ach.) Oxner 1968: 73

humosa (Ehrh. ex Hoffm.) Arnold

f. **fuliginea** (Ach.) Oxner 1968: 85

f. **argillacea** (Krentelh. ex Rabenh.) Oxner 1968: 85

kochiana (Hepp) Rabenh.

var. **albescens** (Koerb.) Oxner 1968: 81

leucophaea (Vahl.) Floerk. in Koerb.

var. **sorediosa** (Vain.) Oxner 1968: 72

pumilionis (Rehm. in Arnold) Oxner 1968: 95

symmicta (Ach.) Fr.

f. **trabalis** (Ach.) Oxner 1968: 95

f. **ecrustacea** (Nyl. in Arnold) Oxner 1968: 95

tenebrosa (Flot.) Oxner 1968: 77

var. **caucasica** (Vain.) Oxner 1968: 77

uliginosa (Schr.) Fr.

var. **chthonoblastes** (Braun) Oxner 1968: 85

viridescens (Schrad. in J. Gmel.) Fr.

f. **putrida** (Koerb.) Oxner 1968: 89

Bilimbia

friesiana (Linds.) Oxner 1968: 133

lignaria (Ach.) Massal.

var. **leprosula** (Th. Fr.) Oxner 1968: 143

var. **triseptata** (Nyl.) Oxner 1968: 143

magellanica (Müll. Arg.) Oxner 1968: 133

pulchra (Oxner) Oxner 1968: 138

sibiriensis (Will. ex Rothr.) Oxner 1968: 133

sphaeroides (Dicks.) Koerb.

f. **minor** (Krempelh.) Oxner 1968: 134

suballinita (Nyl.) Oxner 1968: 133

trachona (Ach.) Trev.

var. **intercedens** (Arnold) Oxner 1968: 140

Blastenia

caesiorufella (Nyl.) Oxner 1990: 48

kamczatica (Sav.) Oxner 1990: 48

schaereri (Floerk.) Oxner 1990: 49

Bombyliospora

madrensis (Krempelh.) Oxner 1965: 100

Bryopogon

jubatus (L.) Link.

f. **lanestris** (Ach.) Oxner 1937: 276; 1993: 266

var. **subcana** (Nyl.) Oxner 1937: 276; 1993: 267

pubescens (L.) Oxner 1993: 287

Buellia

punctata (Hoffm.) Massal.

var. **punctiformis** (Hoffm.) Oxner 1937: 307

Calicium

alboatrum Floerk.

f. **botryocarpum** (B. de Lesd.) Oxner 1956: 312

carpaticum (Nadv.) Oxner 1956: 314

gracilis (Nadv.) Oxner 1956: 310, 307

italicum (Sacc.) Gola

var. **subtile** (Hepp.) Oxner 1956: 311

koerberi (Nadv.) Oxner 1956: 313

quercinum Pers.

var. **subcrustosa** (Nadv.) Oxner 1956: 316

rubescens (Vain.) Oxner 1956: 310

sphaerocephalum (L.) Ach.

var. **gyrocarpum** (Nadv.) Oxner 1956: 319

viride Pers.

var. **balilium** (Ach.) Oxner 1956: 320

Caloplaca

elegans (Link.) Th. Fr.

f. **tenuis** (Wahlenb.) Oxner 1937: 298; 1993: 440

gordejewii (Tomlin) Oxner 1990: 44, 46

pyracea (Ach.) Th. Fr.

f. **holocarpa** (Ehrh.) Oxner 1937: 294; 1993: 458

subcerata (Stiz.) Oxner 1930: 66

Candelaria concolor (Dicks.) Stein

f. **substellata** (Ach.) Oxner 1993: 366

f. **granulosa** (Mereschk.) Oxner 1993: 366

Candelariella

vitellina (Ehrh.) Müll. Arg.

f. **genuina** (Th. Fr.) Oxner 1927a: 49

f. **xanthostigma** (Pers.) Oxner 1927a: 49

Catocarpon

badioatrum (Floerk.) Arnold

var. **atroalbum** (Flot.) Oxner 1968: 186

var. **incusum** (Ach.) Oxner 1968: 186

cinereovirens (Müll. Arg.) Oxner 1968: 187

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parvum (Runem.) Oxner 1968: 183

polycarpon (Hepp) Arnold

f. **fallax** (Vain.) Oxner 1968: 189

f. **infuscatum** (Vain.) Oxner 1968: 189

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superficiale (Schaer.) Oxner 1968: 183

Cetraria

endocrosea (Asah.) Oxner 1940b: 105

hiascens (Fr.) Th. Fr.

f. **rhizophora** (Vain.) Oxner 1929b: 90

Chaenotheca

chlorella (Ach.) Müll. Arg.

var. **ecrustacea** (Nyl.) Oxner 1956: 302

chrysocephala (Turn.) Th. Fr.

var. **holochrysea** (Nyl.) Oxner 1956: 301

Cladonia

coniocraea (Floerk.) Spreng.

var. **ochrochlora** (Floerk.) Oxner 1968: 284

convoluta (Lam.) P. Cont.

f. **phyllocephala** (Malbr.) Oxner 1937: 199; 1968: 259

f. **sessilis** (Wallr.) Oxner 1968: 258

cornutoradiata (Coem.) Sandst.

- var. *nemoxyna* (Ach.) Oxner 1937: 197; 1940a: 88
- f. *subacuminata* (Vain.) Oxner 1937: 197
- flabelliformis* (Floerk.) Vain.
- f. *tubaeformis* (Mudd) Oxner 1968: 235
- f. *cornuta* (Scriba) Oxner 1968: 235
- f. *haplodactyla* (Floerk.) Oxner 1968: 235
- nemoxyna* (Ach.) Zoph
- var. *subacuminata* (Vain.) Oxner 1968: 286
- parasitica* Hoffm.
- f. *squamosa* (Harm.) Oxner 1968: 308

Collema

- nigrescens* (Huds.) DC. (non Vain.)
- var. *quinqueseptatum* (Kernst.) Oxner 1939c: 121

Coniocybe

- pallida* (Pers.) Fr.
- var. *coniophaea* (Norm.) Oxner 1956: 324

Dermatina

- hippocastani* (DC.) Oxner 1956: 221
- microscopica* (Schaer.) Oxner 1956: 222

Dermatocarpon

- miniaturum* (L.) Mann.
- f. *aetneum* (Tornab.) Oxner 1927a: 75; 1936: 56; 1939a: 117; 1956: 137
- f. *papillosum* (Anzi) Oxner 1927a: 75; 1936: 56; 1956: 137
- lachneum* (Ach.) A.L.Sm.
- var. *pruinosa* (Stiz.) Oxner 1936: 54

Diploschistes

- scruposus* (L.) Norm.
- f. *bryophilus* (Ehrh.) Oxner 1937: 101; 1956: 345

Endopyrenium

- altimontanum* (Golubk.) Oxner 1977: 121
- cinereorufescens* (Vain.) Oxner 1977b: 122
- cinereum* (Pers.) Oxner 1977b: 116
- desertorum* (Tomin) Oxner 1977b: 122
- elisavetae* (Tomin) Oxner 1977b: 115
- ferganense* (Tomin) Oxner 1977b: 114
- inaequale* (H. Magn.) Oxner 1977b: 117
- krylovianum* (Tomin) Oxner 1977b: 125

Fulgensia

- fulgida* (Nyl.) Oxner 1953: 82; 1993: 387
- lubrica* (Stiz.) Oxner 1953: 82; 1993: 387

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- alcarum* (Poelt) Oxner 1990: 28
- arnoldii*

var. *fulva* (Koerber) Oxner 1990: 31
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aurea (Schaer.) Oxner 1993: 411

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var. *baumgartneri* (Zahlbr.) Oxner 1990: 15
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f. *aurantiaca* (Harm.) Oxner 1993: 446
f. *centroleuca* (Massal.) Oxner 1993: 446
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f. *lapponicum* (Räs.) Oxner 1940c: 322

Hypogymnia

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intestiniiformis (Vill.) Räs.
f. *textilis* (Ach.) Oxner 1993: 101
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f. *subtilis* (Sch.-Korth.) Oxner 1993: 98

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expallescens (Nyl.) Oxner 1929a: 63

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f. *obscura* (Mereschk.) Oxner 1937: 229
lithophila (Wallr.) Oxner 1927a: 43; 1937: 227
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f. *varians* (J. Davis) Oxner 1927a: 44

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elaeochroma (Ach.) Ach.

f. *atorubens* (Fr.) Oxner 1968: 59

f. *dolosa* (Ach.) Oxner 1968: 59

f. *euphoreoides* (Vain.) Oxner 1968: 59

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var. *mosigii* (Ach.) Oxner 1968: 28

f. *subcontigua* (Fr.) Oxner 1968: 28

Leptogium

lichenoides (L.) Zahlbr.

f. *pulvinatum* (Hoffm.) Oxner 1927a: 72

Menegazzia

terebrata (Hoffm.) Massal.

var. *nigrilimbata* (Hillm.) Oxner 1993: 103, 105

Leptorhaphis

atomaria (Ach.) Oxner 1937: 65

Nephroma

laevigatum Ach.

f. *filarszkianum* (Gyeln.) Oxner 1956: 459

Parmelia

duplicata Ach.

var. *alpicola* (Zahlbr.) Oxner 1938: 219

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f. *perrugata* (Harm) Oxner 1927a: 40

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f. *angustior* (Elenk.) Oxner 1940d: 40

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tiliacea (Hoffm.) Vain.

f. *pruinosa* (Harm.) Oxner 1993: 184

Peltigera

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f. *subcanina* (Gyeln.) Oxner 1937: 127; 1956: 436; Oxner et Blum 1971: 253

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f. *nitens* (And.) Oxner 1956: 439

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f. *zopfii* (Gyeln.) Oxner 1956: 449

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rufescens (Weis.) Humb.

f. *praetextata* (Floerk.) Oxner 1937: 128; 1939a: 115; 1945: 239; 1956: 438; Oxner, Blum 1971: 255

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- alpina* Hepp in Ahles
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amara (Ach.) Nyl.
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arborea (Kreyer.) Oxner 1937: 217
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 var. *dispersa* (Erichs.) Oxner 1968: 474
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f. fagicola (Hoeg.) Oxner 1968: 490
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REFERENCES

- Alfred Nikolaevich Oxner (1988) /E.F. Solonina. — Kiev: Naukova dumka, 1988. — 28 p.
- Andreev M.P., Kotlov Yu.V., Makarova I.I. (1996 a) De Variantia Biologica Lichenum in Arctica Rossica Vigentium (Compositio Taxonomica ac Analysis Provisoria) / *Novitates Systematicae Plantarum non Vascularium*, Petropolis, 1996, 31: 82–94.
- Andreev M., Kotlov Yu., Makarova I. (1996 b) Checklist of Lichens and Lichenicolous Fungi of the Russian Arctic / *The Bryologist* 1996, 99 (2): 137–169.
- Kondratyuk, S.Ya. (1990a) To preparation of the "Flora of the lichens of the USSR. Family Caloplacaceae" by A.N. Oxner / In: A. Oxner "Keys to genera and species of the family Caloplacaceae". — Kiev, 1990. — p. 3–19.
- Kondratyuk, S.Ya. (1990) Oxner's manuscript of Lichen flora of USSR, f. Caloplacaceae // *Bryonora*, 1990, nr.5. — p.2.
- Kondratyuk, S.Ya. (1992) A catalogue of the new lichen names described and proposed by A.M. Oxner / *Ukr. Botan. Zhurn.* 1992, 49, 1. — p. 60–67.
- Kondratyuk, S.Ya., Mikhailova, O.O. (1990) A. Oxner' views on genesis and formation history of the Crimean lichen flora / *Ukr. Botan. Zhurn.* — 1990, 47, (5): 95–97.
- Kondratyuk, S. Y. & Poelt, J. 1997 Two new Asian *Xanthoria* species (Teloschistaceae, Lichenized Ascomycotina). — *The Lichenologist*, 29, (2): 173–190.
- Kondratyuk, S. Y., Navrotskaya I.L., Roms O.G. (1993) Foreword // In: Oxner A.N. (1993) *Flora lyshajnikiv Ukrainy*. T.2, vyp. 2. ('Flora of the lichens of Ukraine', vol. 2, issue 2). Kiev: Naukova dumka.
- Kondratyuk, S. Y., Soechting, U. & Karnefelt, I. (1996) *Caloplaca oxner* (Teloschistaceae), a new lichen species from East Asia. *Nat. Hist. Res.* 4 (1): 17–20.
- Nash III T.H. (ed.) (1996) *Lichen Biology*. — Cambridge University Press, Cambridge
- Oxner A.N. (1924 a) Beitrage zur Flechtenflora Weissrasslands. *Bulletin du Jardin Botanique de Kieff* 1: 27–36.
- Oxner A.N. (1924 b) About the rarest plants of the district of Zinovievsk in Khersonia. *Naukovi zapiski Kilvsjkich Naukovo-doslidnich kafedr.* 2: 130–134 (in Ukrainian).
- Oxner A.N. (1925) Neuheiten der Flechtenflora der Ukraine. *Bulletin du jardin Botanique de Kieff* III: 8–21.
- Oxner A.N. (1926) Les lichens du Transbaical, collectes en 1916 par G.G. Kanewski *Ucrainian Botanical Review* III: 1–10
- Oxner A.N. (1927 a) Zur kenntniss der Flechtenflora au Austretungen festen Gesteins in der Ukraine. *Bulletin du jardin Botanique de Kieff* V–VI: 23–82.
- Oxner A.N. (1927 b) Neue Flechtenarten fur die Ukraine. *Bulletin du jardin Botanique de Kieff* V–VI: 89–92.
- Oxner A.N. (1928 a) Neue fur die Ukraine Flechtenarten. *Bulletin du jardin Botanique de Kieff* VII–VIII: 71–73.
- Oxner A.N. (1928 b) Neue fur Ud. S.S.R. und seltene Flechtenarten. *The Ukrainian Botanical Review* IV: 51–56.
- Oxner A.N. (1929 a) Zur Systematik der Gattung *Lecania*. *Bulletin du jardin Botanique de Kieff* IX: 62–63.

- Oxner A.N. (1929 b) Etwas über die Flechtenflora der Tschuktschen-hal-binsel. *Bulletin du jardin Botanique de Kieff* IX: 87-91.
- Oxner A.N. (1929 c) Neue Arten von *Aspicilia* aus Zentral/Asien. *Bulletin du jardin Botanique de Kieff* X: 87-88.
- Oxner A.N. (1930) Neue und wenig bekannte Flechtenarten in der U.S.S.R. *Bulletin du Jardin Botanique de Kieff* XI: 56-68.
- Oxner A.N. (1931) Über eine neue Lecanienart aus der Ukraine. *Bulletin du jardin Botanique de Kieff* XII-XIII: 151-153.
- Oxner A.N. (1933) Species Lichenum novae ex Asia. *Journal du Cycle Botanique de l'Academie des Sciences d'Ukraine* 7-8: 167-172.
- Oxner A.N. (1935 a) Les nouveaux lichens en URSS. *Journal de l'Institut Botanique de l'Academie des Sciences d'Ukraine* 5 (13): 70-82.
- Oxner A.N. (1935 b) Family Liliaceae. Flora USSR: *Viznachnik kvitkovich ta vischich sporovich roslin USSR*. 1: 285-318 (in Ukrainian).
- Oxner A.N. (1936) A systematical Review of the Lichen of the Ukr. SSR. I. The families Verrucariaceae and Dermatocarpaceae. *Journal de l'Institut Botanique de l'Academie des Sciences d'Ukraine* 15 (7): 43-59.
- Oxner A.N. (1937) *Vyznachnik Lishainicov Ukr RSR*. Kiev: Publishing house of the Academy of Sciences of the Ukrainian SSR (in Ukrainian).
- Oxner A.N. (1938) Lichens New and Little-Known in the USSR. *Journal de l'Institut Botanique de l'Academie des Sciences de la USSR d'Ukraine* 26-27: 217-227.
- Oxner A.N. (1939a) Contribution to the lichen Flora of Middle Asia. *Journal de l'Institut Botanique de l'Academie des Sciences de la RSS d'Ukraine* 20 (28): 111-136.
- Oxner A.N. (1939 b) Epiphyllous Lichens of the Caucasus in Respect to their General Distribution. *Journal de l'Institut Botanique de l'Academie des Sciences de la RSS d'Ukraine* 21-22 (29-30): 307-320.
- Oxner A.N. (1939 c) Lichens of the Indigirka, Yana, Lena, River Basins and South Baikal Region 1. *Journal de l'Institut Botanique de l'Academie des Sciences de la RSS d'Ukraine* 31 (23): 117-139.
- Oxner A.N. (1940 a) Lichens of the Lena, Yana, Indigirka, River Basins and Southern Pribaikalye II. *Journal Botanique de la RSS d'Ukraine* 1 (1): 77-100.
- Oxner A.N. (1940 b) New for the USSR and Little-Known Lichens. *Journal Botanique de l'Academie des Sciences de la RSS d'Ukraine* 1 (1): 101-109.
- Oxner A.N. (1940 c) Lichens of the Lena, Yana, Indigirka, River Basins and South Pribaikalye III. *Journal Botanique de l'Academie des Sciences de la RSS d'Ukraine* 1 (2): 313-324.
- Oxner A.N. (1940 d) Lichens of Indigirka, Yana and Lena River Basins and South Baikal Region IV. *Journal Botanique de l'Academie des Sciences de la RSS d'Ukraine* 1 (3-4): 51-57.
- Oxner A.N. (1944) On the origin of areas of distribution of bipolar lichens / *Botanicheskii Zhurnal (Botanical Journal)*, Leningrad, 1944, 29 (6): 243-256.
- Oxner A.N. (1945) Data on the Lichens of the Ural Area. *Journal Botanique de l'Academie des Sciences de la RSS d'Ukraine* II (3-4): 217-247.
- Oxner A.N. (1946) Nemoral elements in the lichen flora of the Arctic region of the USSR. *Materialy po Istorii Flory i Rastitel'nosti SSSR*, Moscow-Leningrad, 2: 475-490.
- Oxner A.N. (1948 a) Arktichniy element v lichenoflori radjanskoho sektora Poljarnoi oblasti (an Arctic element in the lichenoflora of Soviet sector of Polar region). *Botanichni journal AN URSS (Botanical of the Academy of Science of the journal Ukrainian SSR)* 5 (1): 65-81 (In Ukrainian).

- Oxner A.N. (1948 b) Malovidomi y novi dlja SRSR lishajniki (Little-Known and New Lichens for USSR). *Botanichnyi journal AN URSS (Botanical journal of the Academy of Science of the Ukrainian SSR)* 5 (2): 92-99 (In Ukrainian).
- Oxner A.N. (1948 c) Rodina Cladoniaceae lichenoflori Priuralja (Family Cladoniaceae of the Lichenflora of the Ural Area). *Naukovi zapiski Kievskoho derzhavnogo universitetu (Scientific transactions of Kiev state university)* VII (VI): 19-39.
- Oxner A.N. (1949) Novi vidi lishajnikov flori Ukrainskoi RSR (New species of the lichens of the flora of the Ukrainian SSR). *Botanichnyi journal AN URSS (Botanical journal of the Academy of Science of the Ukrainian SSR)* VI (4): 59-63.
- Oxner A.N. (1953) Pro rid *Fulgensia* u flori Ukrainskoi RSR (About genus *Fulgensia* in the flora of the Ukrainian SSR). *Botanichnyi journal AN URSS (Botanical journal of the Academy of Science of the Ukrainian SSR)* X (3): 81-84.
- Oxner A.N. (1955) Novi vydy lyshajnykiv (New species of the lichens). *Botanichnyi journal AN URSS (Botanical journal of the Academy of Science of the Ukrainian SSR)* XII (2): 92-94.
- Oxner A.M. (1956) *Flora lyshajnykiv Ukrainy*. T.1. (Flora of the lichens of Ukraine). Kiev: Publishing house of the Academy of Science of the Ukrainian SSR.
- Oxner A.N. (1960) A new species of lichen *Leptotrema lithophila* sp. n. in the Flora of the USSR. *Ukrainskiy botanichnyi jurnal (Ukrainian botanical journal)* XVII (4): 67-74.
- Oxner A.N. (1961a) A new erratic lichen *Placodium sphaeroideum* sp. nova — from Central Kazakhstan. *Ukrainskiy botanichnyi jurnal (Ukrainian botanical journal)* XVIII (3): 92-95.
- Oxner A.M. (1961b) Mutual relations of the lichens in epilithic communities of Steppes of Ukraine / *Ukrainian Botanical Zhurnal*, 1961, 18 (6): 64-73.
- Oxner A.M. (1962) Epilithic lichen communities of Steppe reserve 'Kamyani Mogyly' on the South of Ukraine / *Ukrainian Botanical Zhurnal*, 1962, 19 (1): 72-83.
- Oxner A.N. (1965) *Bombyliospora* DNOT. — A new genus for the Flora of the USSR. *Ukrainskiy botanichnyi jurnal (Ukrainian botanical journal)* 22 (4): 97-102.
- Oxner A.M. (1968) *Flora lyshajnykiv Ukrainy*. T.2, vyp. 1. (Flora of the lichens of Ukraine, vol. 2, issue 1). Kiev: Naukova dumka.
- Oxner A.N. (1970) New species — *Parmelia altaica* Oxn. from the Northern Altai. *Ukrainskiy botanichnyi jurnal (Ukrainian botanical journal)* XXVII (2): 175-178.
- Oxner A.N. (1971) Genus *Aspicilia*. In *Handbook of the lichens of the USSR*. I: 146-217. Leningrad: Nauka.
- Oxner A.N. (1972) Combinationes taxonomicae ac nomina specierum *Aspicilliarum* novae. *Novitates systematicae plantarum non vascularium* IX: 286-292.
- Oxner A.N. (1977 a) Family Thelocarpaceae. In *Handbook of the lichens of the USSR*. 4: 106-111. Leningrad: Nauka.
- Oxner A.N. (1977 b) Family Dermatocarpaceae. In *Handbook of the lichens of the USSR*. 4: 112-239. Leningrad: Nauka.
- Oxner A.N. (1977 c) Family Endocarpaceae. In *Handbook of the lichens of the USSR*. 4: 139-247. Leningrad: Nauka.
- Oxner A.N. (1990) *Keys for identification [of] genera and species of the family Caloplacaceae Zahrbr. of the flora of the lichens of the USSR*. — Kiev, M.H. Kholodny Institute of Botany, 1990. — 52 p.
- Oxner A.M. (1993) *Flora lyshajnykiv Ukrainy*. T.2, vyp. 2. (Flora of the lichens of Ukraine, vol. 2, issue 2). Kiev: Naukova dumka.

On occasion of 100-years anniversary of the birthday

Oxner A.N., Rassadina K.A. (1960) Ad Genus *Cetraria* ex URSS Novitates *Notulae systematicae sectione cryptogamica Instituti Botanici Nomine V.L. Komarovii Academiae Scientiarum URSS* XIII: 5-14.

Oxner A.N., Blum O.B. (1971) Ad Floram lichenum Orientis Extremi Sovjetici. 1. Fam. *Peltigeraceae*. *Novitates systematicae plantarum non vascularium* VIII: 249-263. *Schedae ad Herbarium Florae Reipublicae Sowjeticae Ucrainicae ab Instituto Botanico Academiae Sciences RSS Ucrainicae Editum Centuria I* (1934). 1935: 1-70.

Oxner A.M., Pisut I., Kondratyuk, S. Y. (1989) New findings for lichen flora of the Ukraine // *Ukrainian Botanical Zhurnal*, 1989, 46 (6): 98-100.

Ryabkova K.A. (1991) *Lichens of Ural (species list)*. — Sverdlovsk, Sverdlovsky pedagogical Institute, 1991 [VINITI N 4018-B91]. — 29 p.

Volkova A.M. (1966) Lichenes novi e montibus Uralensibus. *Novitates systematicae plantarum non vascularium* 1966: 283-287.

Wasser, S.P. & Kondratyuk, S.Ya. (1989) On preparation of the next issue of the A. Oxner's "Flora of the lichens of Ukraine" // *Ukrainian Botanical Zhurnal*, 1989, 46 (2): 106-108.

Wasser, S.P. & Kondratyuk, S.Ya. (1990) On preparation of the "Flora of the lichens of the USSR. Family Caloplacaceae" by A.Oxner // *Ukrainian Botanical Zhurnal*, 1990, 47 (4): 115-120.

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