Fakulta rybářství
a ochrany vod
Faculty of Fisheries
and Protection
of Waters

Jihočeská univerzita
v Českých Budějovicích
University of South Bohemia
in České Budějovice
Czech Republic

Ref. No. JU/09/02974/24 Vodňany, 10. 9. 2024

Dean's Measure No. 18/2024
Indicating addresses in publications, acknowledgement to projects, and one-time remuneration for results of FFPW USB´s employees achieved according to RIV and management of publication lists

1) Indicating addresses in publications

Every employee of the FFPW USB must report their affiliation with the name of the University, Faculty, Centre or Institutes in every publication and in all outputs, which are reported to the Register of Scientific Outputs (in Czech so-called Rejstřík informací o výsledcích – RIV). This address must be put in the form given below in Czech or English.

Jihočeská univerzita v Českých Budějovicích, Fakulta rybářství a ochrany vod, Jihočeské výzkumné centrum akvakultury a biodiverzity hydrocenóz, Zátiší 728/II, 389 25 Vodňany

Jihočeská univerzita v Českých Budějovicích, Fakulta rybářství a ochrany vod, Jihočeské výzkumné centrum akvakultury a biodiverzity hydrocenóz, Výzkumný ústav rybářský a hydrobiologický, Zátiší 728/II, 389 25 Vodňany

Jihočeská univerzita v Českých Budějovicích, Fakulta rybářství a ochrany vod, Jihočeské výzkumné centrum akvakultury a biodiverzity hydrocenóz, Ústav akvakultury a ochrany vod, Na Sádkách 1780, 370 05 České Budějovice

Jihočeská univerzita v Českých Budějovicích, Fakulta rybářství a ochrany vod, Jihočeské výzkumné centrum akvakultury a biodiverzity hydrocenóz, Ústav komplexních systémů, Zámek 136, 373 33 Nové Hrady

University of South Bohemia in Ceske Budejovice, Faculty of Fisheries and Protection of Waters, South Bohemian Research Center of Aquaculture and Biodiversity of Hydrocenoses, Zátiší 728/II, 389 25 Vodňany, Czech Republic

University of South Bohemia in České Budějovice, Faculty of Fisheries and Protection of Waters, South Bohemian Research Center of Aquaculture and Biodiversity of Hydrocenoses, Research Institute of Fish Culture and Hydrobiology, Zátiší 728/II, 389 25 Vodňany, Czech Republic.

University of South Bohemia in České Budějovice, Faculty of Fisheries and Protection of Waters, South Bohemian Research Center of Aquaculture and Biodiversity of Hydrocenoses, Institute of

Aquaculture and Protection of Waters, Na Sádkách 1780, 370 05 České Budějovice, Czech Republic

University of South Bohemia in České Budějovice, Faculty of Fisheries and Protection of Waters, South Bohemian Research Center of Aquaculture and Biodiversity of Hydrocenoses, Institute of Complex Systems, Zámek 136, 373 33 Nové Hrady, Czech Republic

The research laboratory's name can enrich the address and it is possible to change the order of data according to the requirements of the respective journals. For English-written texts, the address can be mentioned without diacritics.

Name of the faculty Fakulta rybářství a ochrany vod can be replaced by the abbreviation FROV JU. Name of the faculty Faculty of Fisheries and Protection of Waters can be replaced by the abbreviation FFPW USB.

Name of the Center Jihočeské výzkumné centrum akvakultury a biodiverzity hydrocenóz, or South Bohemian Research Center of Aquaculture and Biodiversity of Hydrocenoses can be replaced by the abbreviation CENAKVA.

2) Acknowledgement to projects

The authors of publications and other outputs using facilities of the large research infrastructure CENAKVA under the open access mode (infrastructures mentioned on the webpage of the South Bohemian Research Center of Aquaculture and Biodiversity of Hydrocenoses CENAKVA) They always contact the Vice-Dean for Open Science to decide on the form of acknowledgment. For the decision on acknowledgment, it is necessary to send information about which project the publication relates to and the manuscript of the publication.

Members of the Laboratory of Molecular, Cellular and Quantitative Genetics, Laboratory of Reproductive Physiology, Laboratory of Germ Cells, Laboratory of Intensive Aquaculture and Laboratory of Nutrition always give acknowledgement to the Ministry of Education, Youth and Sports of the Czech Republic – the project Reproductive and Genetic Procedures for Preserving Fish Biodiversity and Aquaculture (**CZ.02.1.01/0.0/0.0/16_025/0007370**) unless otherwise specified by their heads.

The members of the Laboratory of Aquatic Toxicology and Ichtyopathology and the Laboratory of Environmental Chemistry and Biochemistry always acknowledge the Ministry of Education, Youth and Sports of the Czech Republic – the project Sustainable production of healthy fish in various aquaculture systems; PROFISH (**CZ.02.1.01/0.0/0.0/ 16_019 / 0000869**), unless otherwise specified by their heads.

The authors acknowledge other relevant projects of the FFPW USB (e.g. individual projects of the Grant Agency of the University of South Bohemia in České Budějovice (GA USB) in the case of

doctoral students and projects of other providers – e.g. National Agency for Agricultural Research and Czech Science Foundation; GA USB team projects do not have to be acknowledged).

The main author of the output from the FFPW USB consults acknowledgement to projects with the head of his/her laboratory or workplace, who determines which projects will be given the acknowledgement in the publication. The publication can only be sent to the editorial office for publication with the consent of the relevant head. The same principle applies to other outputs not entering the regular peer-review process.

If all authors of the output are from the FFPW USB, only acknowledgement of FFPW USB projects is allowed.

The head of the laboratory or the workplace is responsible for correct acknowledgement in the publication.

3) One-time remuneration for achieved results

Employees of the FFPW USB will be paid one-time remunerations for achieved results based on the recalculation of points for the FFPW USB, according to the table mentioned below and the following rules:

- the number of points is proportionally reduced by the share belonging to co-authors from other institutions,
- the weight of authors with an exclusively foreign affiliation is half,
- the weight of the exclusive first authorship is doubled; in the case of a shared position, it is proportionally divided
- the weight of the last author is one and a half times.
- one-time rewards (and points for individuals, laboratory or workplace) are not awarded for articles in MDPI publishing house magazines.

The value of a "point" is given by the valid Measure of the Dean "Remunerations and performance bonuses of employees of FFPW USB". The definitions of types of results are based on Annex No. 1 of this Measure. The remuneration for the outputs of type B, N_{metS}, N_{metC}, N_{metA}, Z_{tech} and Z_{polop} published within the faculty edition is dealt with in the current Measure of the Dean "Schedule of Remuneration". If these are published outside the faculty edition, the following table is used. In both cases, the points obtained are reflected in the evaluation of the individual as well as the laboratory or workplace.

Type of result	**Number of points**
J_{imp} – peer-reviewed article in the Web of Science (WoS) Science Citation Index Expanded database published in a journal with Article Influence Score (AIS)	10-300[a]

J_{imp} – peer-reviewed article in the WoS Science Citation Index Expanded database published in a journal without AIS	10-200[b]
J_{SC} – peer-reviewed article in the Scopus database, not found in the WoS database	10-150[c]
D – conference proceedings	10-100[d]
B – book	200
C – chapter in a book	According to the page share in the book (B)
N_{metS}, N_{metC}, N_{metA} – methodology, Z_{polop} – semi-operation, Z_{tech} – proven technology tied to the project	35
P – patent (used under a valid license agreement)	40
The amount of remuneration for other outputs not adjusted here shall be determined by the director of the relevant part, who shall report this fact to the first author and the Officer for Science and Research. Popularization articles can be rewarded with an amount of up to 3 thousand CZK. The amount of the remuneration is decided by the Vice-Dean for Science and Research.	

a) Number of points = 10 + 290 × Factor where: Factor = (1 - N) / (1 + (N / 0,057)), where N is the standard order of the journal, N = (P - 1) / (P_{max} - 1); P = ranking of a journal in the given Category according to Journal Citation Report in a row sorted descending by the current **AIS**; P_{max} = the total number of journals in the given Category according to Journal Citation Report. If the journal is classified into multiple Categories, the N is calculated as the arithmetic average of the standardized journal rankings in all Categories where it occurs.

b) Number of points = 10 + 190 × Factor where: Factor = (1 - N) / (1 + (N / 0,057)). The calculation is performed similarly, but the sorting is performed according to the current **Impact Factor (IF).**

c) Number of points = 10 + 140 × Factor, where: Factor = (1 - N) / (1 + (N / 0,057)). The calculation is performed similarly, but the sorting is performed according to the current **CiteScore rank.**

d) Number of points = 10 + 90 × Factor, where: Factor = (1 - N) / (1 + (N / 0,057)). The calculation is performed similarly, but the sorting is performed according to the **IF in the WoS database**, or **CiteScore rank in the Scopus database**. In the case of indexing in both databases, the priority is given to the former one.

4) Management of publication lists

When the output is achieved, the first author for the FFPW USB forward all documents necessary without unnecessary delay to the Officer for Science and Research (currently P. Nováková, novakova@frov.jcu.cz) for its inclusion in the Personal Bibliographic Database (in Czech so-called Osobní bibliografické databáze – OBD JU) for RIV. This step also includes updating the publication lists (located on S:\000 INTERNÍ INFORMACE CELOFAKULTNÍ - GENERAL INTERNAL INFORMATION\040 Publikační seznamy pracovníků - Publication Lists of Employees) for all authors who are involved in the output. The authors of the publication are responsible for

updating the publication lists. Instructions for updating and formatting the publication lists are listed in Annex No. 2 of this Measure. Within 14 days, the Officer for Science and Research shall calculate or find out from the relevant director the amount of remuneration in CZK for the given output and shall submit to the author a form with a request for a proposal to distribute the remuneration to the employees of the FFPW USB. The distribution of remuneration must be agreed upon by the relevant head of the laboratory and the director.

The Officer for Science and Research is responsible for correctly calculating the amount of remuneration and entering all the results into OBD JU for the transfer to RIV.

This Measure cancels the Dean´s Measure No. 6/2023.
This Dean's Measure comes into effect on 9th September 2024.
Any exceptions are decided by the Dean based on a written request.

Prof. Dipl.-Ing. Tomáš Policar, Ph.D.
Dean of FFPW USB

Annexes:

1. Definition of the types of results, valid from 1st January 2018
2. Instructions for authors of the publication list

Annex No. 1 - Definition of the types of results, valid from 1st January 2018

Code of result	Title of result	Description
I. category - Publications		
J_{imp} J_{SC} J_{ost}	peer-reviewed technical article	**Definition:** "Peer-reviewed technical article" is an original article published in a scientific periodical regardless of the publisher's home state. The article must present original research results based on research carried out by the author or a team, of which the author is a member and the affiliations are related to the Czech research organization. These texts present entire works structured as per publisher's requirements on the structure of scientific work (usually an abstract, introduction, bibliography, material and methods, results, discussion, conclusion) with the usual method of citing the sources, if necessary with footnotes. In a scientific periodical, these types of articles are included in the content in a group of original or overview reports. A scientific periodical is a scientific journal, which is peer reviewed, published periodically and which has an ISSN code, or e-ISSN and is published in printed or electronic form or just electronic form. **Peer-reviewed scientific articles in a technical periodical (journal) are divided into categories:**
		J_{imp} – original / summarizing article in a technical periodical included in the Web of Science[1] database (further "WoS") with a classification sign "Article", "Review", or "Letter". J_{SC} – original / summarizing article in a technical periodical included in the SCOPUS database with a classification sign "Article", "Review", or "Letter". J_{ost} - original / summarizing article in a peer-reviewed technical periodical that does not belong to any of the above groups. The list of peer-reviewed non-imprinted periodicals does not apply. It is crucial that the peer-reviewed article meets the general requirements for this type of result and has properly undergone the review process (see page 2). **Technical periodicals (journals) are not:** - Periodicals that don´t have ISSN, or even e-ISSN; - Periodicals or special periodicals issued with ISSN and also simultaneously with ISBN in book form (these cases are often found in conference papers, which are reported in WoS and Scopus. Results published in this type of resource belongs to the results of type D); - Periodicals, where does not take place or is not published a method of peer-review management of papers (eg some periodicals issued in the form of Open Access); - Periodicals with the nature of daily press or newspaper, i.e. a current newspaper, themed "popular - expert" annexes of daily newspapers,

		weekly newspapers, specialized newspapers (e.g. Medical news, Economic news, Teaching newspapers, etc.); - Periodicals intended for the general public, published by commercial publishers, public and other institutions; - Popularizing professional journals, designed for professional public, e.g. published by professional societies, research institutions etc. for the promotion and popularization of science; - Periodicals of unions, political parties, associations, etc.; - Film and radio periodicals; - Corporate and insurance periodicals; - Forms and newsletters; - Special issues of journals in which conference papers are published. **Peer- reviewed scientific articles are not:** - Reprints, abstracts, extended abstracts (e.g. at a conference), etc., published in a periodical, articles of informative or popularizing nature about research results; - Editorial materials, repairs, reviews, research or abstracts; - Article of type "preprint", i.e. the version of an article published before the peer review management; - For J_{OST} articles with a smaller scope than 2 pages of text, and apply that to the extent of pages are not included photographs, charts, maps attachments, images, tables and advertising.
B	technical book	**Definition:** A technical book presents original research results based on research carried out by the author of the book or a team, in which the author is a member. A book is a non-periodical technical publication of at least 50 pages of printed text, not counting attached figures, pictures, maps etc., printed or published electronically and reviewed by at least one generally recognized reviewer from the field (but not from the same institution as the author). A technical book focuses on a precisely defined problem within a certain branch of science, contains a formulation of identifiable and scientifically recognized methodology (explicitly formulated methodology basis also in monographs aiming at applications and/or a formulation of a new methodology supported by previous theoretical research in the given area. Formal attributes of a technical book include: bibliographic references in the text, list of bibliography used, summary in at least one of the world languages, possibly also notes and citation sources. A book is assigned an ISBN or ISMN code. The book must be made by a single collective of authors (regardless of the particular contributions of individual members of the team), even if the individual chapters in the book have separate authors. A technical book is, for example, a monograph, scientific encyclopaedia or lexicon, critical edition of sources, critical edition of artistic (musical or fine arts, etc.) materials accompanied by a study, published diploma, doctoral, habilitation and dissertation theses ffulfilling parameters of technical books that are not based on the works of the kind J_{imp}, J_{SC}, J_{OST}, critical and commented translation of demanding texts on philosophy, history or philology with a study, scientific

		dictionary and monolingual lexicon, critical catalogue from an exhibition etc., if meeting the above formal requirements. In case of a multi-volume monographs each volume can be included in RIV individually if it meets the listed criteria and was printed as a separate publication with own ISBN. If a technical book is classified as a type B result its chapters cannot by classified as type C results. **Technical books are not:** - textbooks which don´t have ISBN or ISMN; - scripts and other teaching materials, unless they are the result of original pedagogical research; - expert opinions and standpoints, translations, information and promotion; publications, almanacs and annual or other periodic reports - published diploma, doctoral and habilitation dissertation theses based on type of works J_{imp}, J_{SC}, J_{OST} with commentaries and ISBN code; - language dictionaries; - printed or electronically published collections of search results, special-purpose collections of technical works (e.g. from a workplace); - printed or electronically published collections of abstracts; - methodical handbooks, catalogues, standards; - compilations (contributions in the compilation being D-type results); - travel guides, fiction, stage play texts; - selected bibliography, annual reports, speeches, news reports, collections of student competition works, travel guides; - commercial translations from foreign languages; - memoirs, information materials, popularizing monographs, biographies, autobiographies, special-purpose final reports from grants published as monographs. There is the obligation, if the book is published in the Czech Republic, at least one copy must be registered in the National Library of the CR. For results of the "Technical book" published abroad, the verification is: Reference to Digital Object Identifier (DOI) or Open Access (OA), traceability in an internationally recognized catalog, verification by a returning loan from the reporting institution certified by the provider.
C	chapter in a technical book	**Definition:** "Chapter or chapters in a technical book" (see type B results) applies when a book has only an editor or in the cases where the author of the book (on the title page, back of title page) is listed as a co-author (albeit with a minority share of content) and is a member of the team of authors with clearly mentioned main authors. Chapter must have independent author or team of authors. If a technical book is included in RIV as a result of type B, its chapters cannot be classified as a result of type C in the case of the same submitter of the result.
D	article in a collection	**Definition**: An article in a collection presents original results of research carried out by

		the author or a team, in which the author was a member. The article must have the usual structure of a scientific work with standard source citations (not an abstract) published in a collection. A collection is a peer reviewed non-periodical publication made for an occasion, such as conference, seminars and symposia. A collection has an ISBN code and contains separate parts from different authors, usually with a common element or related topic, not just abstracts. The type of output "Article in a collection" is an article that has a total range of at least 2 pages, except that photographs, charts, map attachments, pictures, spreadsheets, and ads are excluded. As a type of result "paper in collection" is rated an article, which is recorded: a) in the SCOPUS database in sources of the type Book Series or Conference Proceedings and has assigned ISBN or ISSN, or both these codes. b) in the database of WoS Conference Proceedings Citation Index, has assigned an ISBN or ISSN, or both these codes. c) article in a special issue of the journal recorded in any of the above databases, which is devoted to publishing conference papers, and which has a total range of at least two pages. **Articles in a collection are not:** - Occasionally published summaries of theses (e.g. within one work place, anniversary, celebrations of establishment and annual conferences); - Collected and published abstracts or extended abstracts; - Ordered and elsewhere published articles etc.
II. category - Non-publication results		
P	patent	**Definition:** A patent is an invention which deserved an invention certificate awarded for: - Czech patents by the Industrial Property Office under the conditions specified by the Act No. 527/1990 Coll., on Inventions and Rationalization Proposals, as amended; - European patents by the European Patent Office (EPO) under the conditions specified by the European Patent Convention;

		- other patents by the responsible patent office under the conditions specified by the patent office. The result is a granted patent, which protects original findings from research and development carried out by the author or a team, of which the author is a member. A result of this type is therefore eligible for evaluation in the moment a patent certificate is issued (in case of a Czech patent) or another document with the same effect. **Patents are not:** - patent applications at any stage of processing; - partial validation of the European patent; - protection granted by the competent national patent office for non-technical solutions, especially plant variety, design or software.
Additional information on type P results: The applicant shall submit annually to the RIV data on the use of the patent (patent use or non-use, licenses sold, etc.) which are subject to annual checks. After five years, the patent is automatically registered as unused unless otherwise provided by the submitter.		
III. category - Applied results		
Z_{polop}	semi-operation	**Definition:** A semi-operation result has verified original results of research and development carried out by the author or a team, of which the author is a member. This is to verify the functionality of laboratory procedures in larger scales, i.e. test operations, which are used for checking the properties, activities, failures and other monitored parameters to put the new system into operation or planned performance. Further, testing or verification operations serve to detect and correct any errors and to meet additional technical or organizational design requirements.The semi-operation must be accompanied by at least a design or construction equipment to facilitate the envisaged production in quantity (mass or serial production). The condition is novelty and uniqueness of the design - the entire production process (technology) including machinery, reportable complete technical documentation of the results. **A semi-operation is not:** - a modification, expansion or improvement of some elements of a technology or a system, including control elements, of an existing or functioning operation.
Z_{tech}	verified technology	**Definition:** A verified technology implements original results of research and development carried out by the author or a team, of which the author is a member. It is similar to semi-operation, however the new elements are implemented in a production process (technology). A necessary condition of a verified technology is testing (verification) of the technology, supported by a protocol on verification and subsequent use in production.

		This may include, for example, a result, which is a subject to a contract on the implementation of a result, concluded by the author of the result (recipient or another participant) and the user of the result. The technical documentation of the result is the condition.
Z_{odru}	variety	Result "variety" is a realization of original results of research and development carried out by the author or a team, of which the author is a member. It is a result involving a new plant variety protected according to the Act No. 408/2000 Coll. on Plant Variety Rights Protection and on the amendment of the Act No. 92/1996 Sb., on Plant Varieties, Seed and Seedlings of Cultivated Plants, as amended (act on plant variety rights protection). **Varieties are not:** - Registration for introducing a variety; - Applications in any stage of the procedure for granting the protection rights.
Z_{plem}	breed	**Definition:** Result "breed" is a realization of original results of research and development carried out by the author or a team, of which the author was a member. The output is a new breed, with own breed book according to Act No. 154/2000 Coll., on Breeding, Stirpicultural and Record-keeping of Farm Animals and on amendments to some related laws (Breeding Act), as amended. **Breed is not:** - Applications in any stage of the procedure for granting the protection rights.
Additional information on type Z results: A condition for including such results in the R&D IS is the conclusion of a contract on the use/application of the result between the author of the result (i.e. recipient or another participant) and the user (implementing party) of the result. For variety or breed type results the application means the registration of the result in question (variety, breed) in the corresponding register or breed book. It must contain the price (economic parameters) of the realization of the result (i.e. the sales price specified in the contract on the use/application of a result).		
F_{uzit}	utility model	**Definition:** Result "utility model" is a realization of original results of research and development carried out by the author or a team, of which the author was a member. Utility models are technical solutions, which are new, exceed the scope of mere technical skill and can be used in industry. Only those technical solutions can be considered utility models, which are registered by the Industrial Property Office in the register of utility models. Details regarding the application, registration and validity periods of utility models are defined by the Act No. 478/1992 Coll., on Utility Models, as amended. Since the Industrial Property Office does not examine whether the utility model is qualified for protection in terms of novelty, uniqueness and creative solutions, it is required that the utility model is industrially applicable based on technical solution, i.e. whether it can be used repeatedly in economic activity (see the provisions of § 5 of Act No.

		478/1992 Coll.).
F_{prum}	industrial design	**Definition:** Result "industrial design" is a realization of original results of research and development carried out by the author or a team, of which the author was a member. Industrial design means the appearance of a product, especially in the character lines, contours, colours, shape, texture or materials of the product itself or its ornamentation. It is a designed solution that is visually perceptible feature of the product, not as its technical or structural nature. The product is an industrial or handicraft room or area object, i.e. industrial or handicraft item, including parts intended for its assembly into a complex product, packaging, adjustment, graphic symbols and typographic typeface. Industrial design is protected by the Act No. 207/2000 Coll., on the Protection of Industrial Designs and the Amendment to Act No. 527/1990 Coll., on Inventions, Industrial Designs and Rationalization Proposals, as amended. **Industrial design is not:** - Computer programs; - Graphic designs without connection with a particular product. - Results that do not meet the additional criteria in the Frascati manual, Part 2.
Additional information to F results: It is mandatory to enter into the RIV information regarding registration of models and designs (code name given by the responsible body, date of certification, certificate number).		
G_{prot}	prototype	**Definition:** Result "prototype" is a realization of original results of research and development carried out by the author or a team, of which the author was a member. It is a more complex industrial product made as a single piece to verify construction properties in practice or for test runs before commencing a serial or mass production. Only products developed in practical projects of applied research, experimental development and innovations and other applied R&D activities can be considered prototypes. The condition is novelty and uniqueness of the prototype design, which is documented by technical documentation of the result.
G_{funk}	functional model	**Definition:** Result "functional model" is a realization of original results of research and development carried out by the author or a team, of which the author was a member. It is similar to a prototype, with only one difference: development or production of a functional model is not immediately followed by a serial or mass production. It is e.g. a design, development and subsequent production of a unique tool or laboratory device. Only products or devices developed in practical projects of applied research, experimental development and innovations and other applied R&D activities can be considered functional model. The condition is novelty and uniqueness of the functional mode design, which is documented by technical documentation of the result.
H_{leg}	results	**Definition:** Results projected into legislation and standards are realizations of original

	projected into legislation and standards	results of research and development carried out by the author or a team, of which the author was a member. These results must be adopted (without changes) in a law (or its part) or in a standard. In case of the application of results in legislation it is required that it becomes a part of the Czech legislation. For results implemented in standards it is a necessary condition that the issuer of the standard is a standards institute authorized to create standards (mandatory standards or recommendations). There is no distinction made between national (Czech or other nation's standard) or international (European) standards. **The result projected into legislation regulation and standards are not**: - Translations or edited translations of standards.
H_{neleg}	results projected into non-legislative directives and regulations, binding to the extent of the competences of the provider in question	**Definition:** Results projected into non-legislative directives and regulations, binding to the extent of the competences of the provider in question, are realizations of original results of research and development carried out by the author or a team, of which the author was a member. This means a result used (adopted without modifications) in the final versions of a non-legislative directive or regulation, which can be made mandatory by the provider in question or another body with the corresponding competence (not a methodology) and is published in a bulletin of the responsible ministry.
H_{konc}	results projected into approved strategic conceptual documents of R&D bodies of the state or public administration	**Definition:** Results projected into approved strategic and conceptual documents of R&D bodies of state and public administration are realizations of original results of research and development carried out by the author or a team, of which the author was a member. This means a result provably used in the creation of special policies for research and development and in devising long-term research and development programs, regardless of the level - national, regional or international.

Additional information on type H results: It is mandatory to specify in the RIV the number or name of the regulation, standard, directive or non-legislative regulation (including the number of government resolution).		
N_{metS} N_{metC} N_{metA}	methodology	**Definition**: The result of the "methodology" is a summary of recommended practices and procedures approved, certified or accredited by the competent authority of the public administration or, if the competent authority does not exist, by an accredited certification body accrediting on the basis of international agreements, standards or similar documents with unambiguously defined and published competencies for specific areas, fields or industries, and

		with clearly defined users, so that those users can be assured that the obtained results will be conclusive, repeatable and can be invoked when they are complied with. The result of the "methodology" implemented the original results of the research and development that were carried out by the author or team of which the author was a member. This type of the result includes: a) **N_{metS}** methodologies approved by the competent state administration authority, whose competence is the subject; b) **N_{metC}** methodologies certified by the competent authority; c) **N_{metA}** methodologies and procedures accredited by the licensed authority. **The methodology is not:** – Methodology established on the basis of aid provided by other than competent authority competent for approval, certification or accreditation according to generally binding legal regulations if the competent authority or authorized certification (accreditation) body performing certification based on international agreements, standards or similar documents has not expressly stated the obligation to assess the resulting methodology before granting the aid.
N_{lec}	therapeutic procedure	**Definition:** Result "therapeutic procedure" is a realization of original results of research and development carried out by the author or a team, of which the author was a member. In human or veterinary medicine it is a verified complex of activities, including a description of a disease, determination of the causes of the disease, based on which a method of therapy was established, which leads to the restoration of physiological balance of the organism. A condition of a therapeutic procedure is a verification using clinical trials.
N_{pam}	historical procedure	**Definition:** Result "historical procedure" is a realization of original results of research and development carried out by the author or a team, of which the author was a member. A historical procedure is set of activities and, in some cases, materials and technologies verified in applied research of national and cultural identity that leads to the preservation or appreciation of a cultural heritage. A condition of such set becoming a historical procedure is verification in practice.
N_{map}	specialized map with technical content	**Definition:** Result "specialized map with technical content" is a realization of original results of research and development carried out by the author or a team, of which the author was a member. It is a synthesis of a specialized map with technical content and point, planar, spatial and possibly also temporal information (4D) and connections between such data, acquired by studying certain area, and expressed using the geographic information system (GIS).

		These are e.g. geo-scientific maps, maps of historical objects, archaeological sites, protected nature reserves, technical objects, large scale maps/plans of smaller areas (e.g. historical objects and premises of technical objects, archaeological locations and parks), that include a complex documentation from construction, historical, city-planning or landscape surveys, but also e.g. biological and natural phenomena, historical or social connections etc. A necessary condition is that these maps contain data acquired and interpreted by appropriate research methods. For complete edition of specialized maps with expert content in one comprehensive volume, each specialized map cannot be applied as a separate result. **Specialized maps are not:** - State maps; - Conventional topographic maps, cadastral and general geographic, road, tourism, etc.
Additional information on type N results - methodology: A condition is internationally recognized certification (accreditation) by an authorized certification (accreditation) authority or a certificate from the responsible state administration body, which is responsible for the area, in which the methodology or procedure are applied. In case the certificate is granted by the responsible provider it must be granted based on two independent opponent assessments. Certification procedure will be amended by separate regulation. The decisive factor for **therapeutic procedures** will be the publication in the Bulletin of the Ministry of Health (in case of human therapeutic procedures) or approval by a competent authority. The decisive factor for **historical procedure** is whether the procedure has been demonstrably recommended for use by the National Heritage Institute and the Ministry of Culture on the basis of the elaboration of two independent opponent´s opinions, except for the fact that the National Heritage Institute is the originator of the historical monument.		
R	software	**Definition:** "Software" is a program or set of machine instructions designed to ensure the operation of a computer or other hardware, including machines and equipment and their interaction with the environment. The result of the "software" made the original results of research and development carried out by the author or the team of which the author was a member. A condition is the novelty and uniqueness of the software design, which is evidenced by the technical documentation of the result. The software must bring such novelty and progress in the field of computer programs, which means increasing the amount of knowledge. However, the use of software for a new application or for a new purpose cannot in itself constitute such progress.[3] **The software can be, for example:** – development of new operating systems and languages;

		– the design and implementation of search engines based on original technologies; – attempts to resolve conflicts within hardware or software based on the process of transforming a system or network; – creation of new or more efficient algorithms based on new techniques; – creation of new and original coding systems or security techniques. **Software is not:** - developing software of business applications and information systems using known methods and existing software tools; - adding user functions to existing application programs (including basic input data functionality); - the creation of websites or software using existing tools; - the use of standard coding, security and data integrity testing methods; - adaptation of a product for a particular use unless, in the course of that process, knowledge which is added significantly improves the core program; - routine debugging of existing systems and programs, unless this is done before the end of the experimental development process.
		[3] part 2.70., pp. 66 in OECD (2015), *Frascati Manual 2015: Guidelines for Collecting and Reporting Data on Research and Experimental Development*, Classification and distribution by Fields of Research and Development (FORD), OECD Publishing, Paris. Available from: DOI: http://dx.doi.org/10.1787/9789264239012-en
S	specialized public database	**Definition:** The result of a "Specialized Public Database" includes structured and publicly available data on the original R & D results, broken down by research and development carried out by the author or the team of which the author was a member. It allows structured information about the phenomenon to be accessed as a source for further research or end-users. **A specialized public database is not:** - a result that does not meet the condition of public availability (internal records and databases that serve exclusively to the results owner); – a database containing known or already publicly accessible data.
V	research report	**Definition:** The "Research Report" resulted the original result of research, development and innovation carried out by the author or the

		team of which the author was a member. This is the result that was applied in accordance with § 4 let. g) Government Regulation No. 397/2009 Coll., containing classified information according to a special legal regulation (e.g. Act No. 148/1998 Coll., On the Protection of Classified Information and on amendments to certain acts, as amended, Act No. 412 / 2005 Coll., On the Protection of Classified Information and Safety Capability, as amended, § 27 of Act No. 240/2000 Coll., On Crisis Management).
V_{souhrn}	total research report	**Definition:** Total research report V_{souhrn} may be one of the requested results of the project of applied research with purposeful or contract funding. Total research report summarizes results of the project and expresses the fulfilment of the objectives of the project. It must be requested by the provider or confirmed by the protocol of receipt by the ordering party.
A	audiovisual production	**Definition:** The result of "audiovisual production" implemented the initial results of research, development and innovation, which were made by the author or team whose he was the member. These are electronic documents (i.e. documents issued only in a form readable by the appropriate technical equipment such as documents issued only on CD / DVD, available only through the Internet or web) with the exception of the results published in electronic form that meet the criteria for inclusion in category J, B or D. **Audiovisual production is not:** - Research report published in electronic form; - Annual, periodic or final (possibly differently named) reports on the grant / project or research project submitted to the provider, and are issued in electronic form.
E	organization of exhibition	**Definition:** The organization of an exhibition can only be considered as a result of R & D & I if it is possible to identify the presence of R & D & I in the activities on the basis of which the presented information or facts have been generated. The result implemented the original results of research and development carried out by the author or the team of which the author was a member. **The result of type E is not:** – an exhibition focused on a topic that does not include the results of the author or the team of which he/she is a member, but summarizes the broad knowledge of the field or it has only an educational character.

E_{krit}	Organization of exhibition with a critical catalogue	**Definition**: "Exhibition with a critical catalogue" means the public presentation of original research and development results by the author or the team of which the author was a member. Criterion / criteria for its recognition may also be set by the support provider for the relevant research activity, and the providers can further parameterize the components according to their needs. A condition for the recognition of the result "Exhibition with a critical catalogue" is the publication of a critical catalogue of the exhibition that meets all the requirements for the type of result of the technical book and as such was applied and approved (it is not possible to recognize this result without a critical catalogue - the technical book until the critical catalogue is published).
M	organization of conference	**Definition:** Organization of a conference, seminar or symposium can only be considered as a result of R & D & I if, in addition to the five basic criteria for identifying R & D & I activities on the basis of which the information is presented, some of the additional conditions set out in the Frascati manual in Part 2 are met. The part of the conference must be public presentations of the original R & D results made by the author or the team of which the author is the member. **The conference for the purpose of classifying the types of R & D & I results is not:** – a conference without the participation of scientists, – a conference where the author or team of which the author was a member did not have an active contribution, – a conference which does not present the original R & D & I results, – a seminar or a lecture / system of seminars or lectures popularizing knowledge in the given field for non-professional public or for teaching purposes.
W	organization of workshop	**Definition:** The organization of a workshop can only be considered as a result of R & D & I if, in addition to the five basic criteria for identifying R & D & I activities, on the basis of which the presented information is generated, some of the additional conditions set out in the Frascati manual in Part 2 are met. Part of the workshop must be public presentations of the original research and development results that have been carried out by the author or the team of the author.
O	other results	**Definition:** "Other results" are results that do not meet the above criteria,

		precisely defined types of results. The result implemented the original results that arose from Frascati manual activities for R & D & I activities and were carried out by the author or team of which the author was a member. Other research and development results that have been formally (parametrically) defined by the support provider for the relevant research activity can also be reported as "other results". E.g. results "Output of artistic research".

Note for all kinds of results:

The provider can refine the terms of the definitions of the types of results and determine the parameters that the result must meet in order to be recognized. If a condition for recognizing the result is its certification (accreditation) or approval by the provider, it may modify the additional requirements by a separate regulation.

Annex No. 2 Instructions for authors of the publication lists

SEZNAM PUBLIKACÍ (List of publications)

Obecná pravidla: okraje 2,5 cm na všech stranách; písmo: Calibri, velikost 12, řádkování jednoduché, jména autorů malými písmeny (jen první písmena velká), jméno osoby publikačního seznamu tučně; odsazení dalších řádků jedné citace 0,5 cm.
Seznam je strukturován po jednotlivých letech a to **sestupně**, v každém roce jsou publikace rozděleny do následujících kategorií – 1) Lektorované odborné časopisy s IF, 2) Lektorované odborné časopisy bez IF, 3) Knihy či kapitoly, monografie, skripta, 4) Uplatněné metodiky, patenty, poloprovozy, ověřené technologie, 5) Mezinárodní konference, 6) Národní konference, 7) Ostatní. Položky v každé kategorii budou seřazeny dle abecedy vzestupně (tj. A-Z). Pokud autor v dané kategorii nepublikoval, ani ji v seznamu v daném roce neuvede.

***General rules**: 2.5 cm margins on all sides; font: Calibri, size 12, single spacing, the author names in lower case (only the first letter upper case), the name of the person publishing the list in bold, indenting of other rows of a given quotation set at 0.5 cm.*
*The list is organized by individual years in a **descending order**, publications are divided into following categories - 1) Peer-reviewed journals with IF, 2) Peer-reviewed journals without IF, 3) Books or chapters, monographs, textbooks, 4) Application of methodologies, patents, pilot plants, verified technologies 5) International conferences, 6) National conferences, 7) Others. The entries in each category will be sorted alphabetically in ascending order (i.e. A-Z). If the author did not publish in a given category, it is not included.*

doc. Ing. Antonín Kouba, Ph.D.
ResearcherID C-9338-2015

Jihočeská univerzita v Českých Budějovicích, Fakulta rybářství a ochrany vod, Jihočeské výzkumné centrum akvakultury a biodiverzity hydrocenóz, Výzkumný ústav rybářský a hydrobiologický ve Vodňanech, 389 25 Vodňany, tel: +420 387 774 638, e-mail: akouba@frov.jcu.cz

University of South Bohemia in České Budějovice, Faculty of Fisheries and Protection of Waters, South Bohemian Research Center of Aquaculture and Biodiversity of Hydrocenoses, Research Institute of Fish Culture and Hydrobiology, Vodňany, Czech Republic

2021

Lektorované odborné časopisy s IF
Peer-reviewed journals and their IF

Rozumí se všechny časopisy, které jsou indexované na Web of Science a mají impakt faktor. Za každou publikaci uveďte aktuální IF a AIS s vyznačením daného roku (např. 2020 pro publikace vyšlé v roce 2021).

It is understood as all journals listed on the Web of Science and have an impact factor. For each publication, indicate the current IF and AIS of the given year (e.g. 2020 for items published in 2021).

Balzani, P., Haubrock, P.J., Russo, F., **Kouba, A.**, Haase, P., Veselý, L., Masoni, A., Tricarico, E., 2021. Combining metal and stable isotope analyses to disentangle contaminant transfer in a freshwater community dominated by alien species. Environmental Pollution 268B: 115781. (IF 2020 = 8.071, AIS 2020 = 1.385)

Lektorované odborné časopisy bez IF
Peer-reviewed journals without IF

Všechny recenzované publikace, které vychází v nějakém pravidelném odborném periodiku, které nemají IF.

All peer-reviewed publications based on any regular periodical press, which do not have the IF.

Szendőfi, B., Bérces, S., Csányi, B., Gábris, V., Gál, B., Gönye, Zs., Répás, E., Seprős, R., Tóth, B., **Kouba, A.**, Patoka, J., Weiperth, A., 2021. Occurrence of exotic fish and crayfish species in Barát and Dera creeks and their adjacent section of the River Danube. Pisces Hungarici 12: 47–51.

Knihy či kapitoly, monografie, skripta
Books or chapters, monographs, textbooks

Kapitoly v knihách či celé knihy, disertační práce, habilitační práce, skripta či jejich kapitoly apod.

Chapters in books or entire books, dissertations, thesis, textbooks or their chapters, etc.

Kozák, P., Ďuriš, Z., Petrusek, A., Buřič, M., Horká, I., **Kouba, A.**, Kozubíková-Balzarová, E., Policar, T., 2015. Crayfish Biology and Culture. University of South Bohemia in České Budějovice, Faculty of Fisheries and Protection of Waters, Vodňany, CZE, 456 pp.

Kozák, P., Ďuriš, Z., Petrusek, A., Buřič, M., Horká, I., **Kouba, A.**, Kozubíková-Balcarová, E., Policar, T., 2015. Biologie a chov raků. 2. upravené vydání, FROV JU, Vodňany, 429 s.

Certifikované metodiky, patenty, poloprovozy, ověřené technologie
Certified methodologies, patents, pilot plants, verified technologies

Metodiky FROV JU či jiných organizací, patenty, poloprovozy, ověřené technologie, užitné vzory atd.

Methodologies of FFPW USB or other organizations, patents, pilot plants, verified technologies, pilot plants etc.

Kouba, A., Hlaváč, D., Kuklina, I., Hamáčková, J., Másílko, J., Mráz, J., Kozák, P., Koubová, A., Buřič, M., 2017. Vermikompostování kalů ze sladkovodních akvakulturních recirkulačních systémů a zhodnocení kvality finálních vermikompostů a biomasy žížal. Edice Metodik, č. 183, FROV JU, Vodňany, 49 s. (ověřená technologie)

Pautsina, A., Císař, P., Kuklina, I., **Kouba, A.**, Kozák, P., 2014. Neinvazní čidlo. Užitný vzor č. 27114, Úřad průmyslového vlastnictví ČR.

Mezinárodní konference
International conferences

Výstup z konference, které se účastní lidé z několika zemí a zpravidla je oficiálním jazykem angličtina. Uvádějte pouze citace z konferenčních sborníků (tzn. buď abstrakt, rozšířený abstrakt či celý příspěvek).

Output from a conference attended by people from several countries and English as a usual official language. Introduce the citation from conference proceedings (i.e., either an abstract, extended abstract or full paper).

Oficialdegui, F.J., Haubrock, P.J., Zeng, Y., Patoka, J., Yeo, D.C.J., **Kouba, A.**, 2021. The redclaw crayfish: A prominent aquaculture and pet-traded species with invasive potential. In: 12th Symposium for European Freshwater Sciences (SEFS 12), Dublin, Ireland, July 25–30, 2021, p. 156.

Národní konference
National conferences

Konference národního charakteru, tzn. taková, jejímž oficiálním jazykem je ten jazyk, v jejíž zemi se konference koná a které se účastní více jak 1/2 tuzemských účastníků. Sem spadají i konference s tzv. mezinárodní účastí, kam přijede pár cizinců a mluví v rodném jazyce.

National Conference character, i.e. those events whose official language is the language in which country it is held, attended by more than a half of domestic participants. This includes the so-called conference with international participation, where few foreigners come and speak in their native language.

Kouba, A., 2014. Nepůvodní druhy raků v Evropě [Non-indigenous crayfish species in Europe]. In: Sborník z konference Invazivní akvaristické druhy živočichů, České Budějovice, ČR, 9. 12. 2014, s. 26-27.

Ostatní
Others

Všechno, co nespadá do kategorií výše, a je hmatatelné – články v popularizačních časopisech, v novinách, na nějakých internetových stránkách atd. Neuvádějte vyžádané přednášky či prezentace na nějakých seminářích.

Outputs which do not fall into the categories mentioned above and are tangible – articles in popular magazines, newspapers, on some websites, etc. Do not include invited lectures and presentations at seminars.

Kouba, A., 2018. Raci a sucho – porovnání přežívání a norování původních a nepůvodních druhů. Vodohospodářský bulletin 10: 22–24.

Příklad publikačního seznamu
Example of the list of publications

SEZNAM PUBLIKACÍ (List of publications)

doc. Ing. Antonín Kouba, Ph.D.
ResearcherID C-9338-2015

Jihočeská univerzita v Českých Budějovicích, Fakulta rybářství a ochrany vod, Jihočeské výzkumné centrum akvakultury a biodiverzity hydrocenóz, Výzkumný ústav rybářský a hydrobiologický ve Vodňanech, 389 25 Vodňany, tel: +420 387 774 638, e-mail: akouba@frov.jcu.cz

University of South Bohemia in České Budějovice, Faculty of Fisheries and Protection of Waters, South Bohemian Research Center of Aquaculture and Biodiversity of Hydrocenoses, Research Institute of Fish Culture and Hydrobiology, Vodňany, Czech Republic

2021

Lektorované odborné časopisy s IF
Peer-reviewed journals and their IF

Balzani, P., Haubrock, P.J., Russo, F., **Kouba, A.**, Haase, P., Veselý, L., Masoni, A., Tricarico, E., 2021. Combining metal and stable isotope analyses to disentangle contaminant transfer in a freshwater community dominated by alien species. Environmental Pollution 268B: 115781. (IF 2020 = 8.071, AIS 2020 = 1.385)

Bláha, M., Patoka, J., Japoshvili, B., Let, M., **Kouba, A.**, Buřič, M., Mumladze, L., 2021. Genetic diversity, phylogenetic position and morphometric analysis of *Astacus colchicus* (Decapoda, Astacidae): a new insight into Eastern European crayfish fauna. Integrative Zoology 16: 368–378. (IF 2020 = 2.654, AIS 2020 = 0.680)

Buřič, M., Haubrock, P.J., Veselý, L., Kozák, P., **Kouba, A.**, 2021. Effective investments due to seasonal morphological changes? Possible reasons and consequences of allometric growth and reproduction in adult signal crayfish *Pacifastacus leniusculus* (Dana, 1852). Canadian Journal of Zoology 99: 85–96. (IF 2020 = 1.597, AIS 2020 = 0.451)

Chabera, J., Stara, A., Kubec, J., Buric, M., Zuskova, E., **Kouba, A.,** Velisek, J., 2021. The effect of chronic exposure to chloridazon and its degradation product chloridazon-desphenyl on signal crayfish (*Pacifastacus leniusculus*). Ecotoxicology and Environmental Safety 208: 111645 (IF 2020 = 6.291, AIS 2020 = 0.907)

Guo, W., Weiperth, A., Hossain, M.S., Kubec, J., Grabicová, K., Ložek, F., Veselý, L., Bláha, M., Buřič, M., **Kouba, A.**, Velíšek, J., 2021. The effects of the herbicides terbuthylazine and metazachlor at environmental concentration on the burrowing behaviour of red swamp crayfish. Chemosphere 270: 128656. (IF 2020 = 7.086, AIS 2020 = 1.023)

Haubrock, P.J., Oficialdegui, F.J., Zeng, Y., Patoka, J., Yeo, D.C.J., **Kouba, A.**, 2021. The redclaw crayfish: A prominent aquaculture species with invasive potential in tropical and subtropical biodiversity hotspots. Reviews in Aquaculture 13: 1488–1530. (IF 2020 = 10.592, AIS 2020 = 1.773)

Hossain, M.S., Kubec, J., Guo, W., Grabicová, K., Roje, S., Randák, T., **Kouba, A.**, Buřič, M., 2021. A combination of six psychoactive pharmaceuticals at environmental concentrations alter the locomotory behavior of clonal marbled crayfish. Science of the Total Environment 751: 141383. (IF 2020 = 7.963, AIS 2020 = 1.304)

Kouba, A., Lipták, B., Kubec, J., Bláha, M., Veselý, L., Haubrock,P.J., Oficialdegui, F.J., Niksirat, H., Patoka, J., Buřič, M., 2021. Survival, growth, and reproduction: Comparison of marbled crayfish with four prominent crayfish invaders. Biology 10: 422 (IF 2020 = 5.079, AIS 2020 = 2.085)

Let, M., Špaček, J., Ferenčík, M., **Kouba, A.**, Bláha, M., 2021. Insecticides and drought as a fatal combination for a stream macroinvertebrate community in a catchment area exploited by large-scale agriculture. Water 13: 1352. (IF 2020 = 3.103, AIS 2020 = 0.499)

Maiakovska, O., Andriantsoa, R., Tönges, S., Legrand, C., Gutekunst, J., Hanna, K., Pârvulescu, L., Novitsky, R., Weiperth, A., Sciberras, A., Deidun, A., Ercoli, F., **Kouba, A.**, Lyko, F., 2021. Genome analysis of the monoclonal marbled crayfish reveals genetic separation over a short evolutionary timescale. Communications Biology 4: 74. (IF 2020 = 6.268, AIS 2020 = 2.373)

Roje, S., Švagrová, K., Veselý, L., Sentis, A., **Kouba, A.**, Buřič, M., 2021. Pilferer, murderer of innocents or prey? The potential impact of killer shrimp (*Dikeogammarus villosus*) on crayfish. Aquatic Sciences 83: 5. (IF 2020 = 2.744, AIS 2020 = 0.870)

Stara, A., Zuskova, E., Vesely, L., **Kouba, A.,** Velisek, J., 2021. Single and combined effects of thiacloprid concentration, exposure duration, and water temperature on marbled crayfish *Procambarus virginalis*. Chemosphere 273: 128463. (IF 2020 = 7.086, AIS 2020 = 1.023)

Veselý, L., Ruokonen, T.J., Weiperth, A., Kubec, J., Szajbert, B., Guo, W., Ercoli, F., Bláha, M., Buřič, M., Hämäläinen, H., **Kouba, A.**, 2021. Trophic niches of three sympatric invasive crayfish of EU concern. Hydrobiologia 848: 727–737. (IF 2020 = 2.694, AIS 2020 = 0.604)

Mezinárodní konference
International Conferences

Oficialdegui, F.J., Haubrock, P.J., Zeng, Y., Patoka, J., Yeo, D.C.J., **Kouba, A.**, 2021. The redclaw crayfish: A prominent aquaculture and pet-traded species with invasive potential. In: 12th Symposium for European Freshwater Sciences (SEFS 12), Dublin, Ireland, July 25–30, 2021, p. 156.

Ostatní
Others

Haubrock, P.J., Oficialdegui, F.J., **Kouba, A.**, 2021. Redclaw – an aquaculture jewel or invader? Worldfishing & Aquaculture (April): 26–27.

Oficialdegui, F.J., Haubrock, P.J., **Kouba, A.**, 2021. Are we making the same mistake again? The redclaw crayfish, a prominent aquaculture species introduced worldwide. Aquaculture Magazine 47: 30–32.