



C.V.

Name : FAWZI MAHMOUD SAYED AHMED SALAMA

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H index = 10

Citation No. = 224

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Material Status : Married, no kids.

Date of Birth : 1 – 4 – 1946. Cairo

Nationality : Egyptian.

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Qualifications :

Institute	Degree	Year
Faculty of Science Assiut University	B. Sc. (Botany)	1967
Faculty of Science Assiut University	M. Sc. (Botany)	1973
Institute of Botany, Azrebijan -USSR	Ph. D. (Botany)	1978

**Current position : Prof. Of Plant Ecology , Botany Department,
Faculty of Science, Assiut University.**

Previous posts :

- 1. Demonstrator, Dept. of Botany from 1967 – 1973.**
- 2. Assistant lecturer, Dept. of Botany from 1973 – 1978.**
- 3. Lecturer in Ecology, Dept. of Botany from 1978 – 1982.**
- 4. Assistant prof. In Ecology, Dept. of Botany from 1982 – 1989.**
- 5. Professor in Plant Ecology, from 1989 - 2000.**
- 6. Head of Botany Department from 2000 – 2006.**

Curriculum Vitae

PERSONAL DETAILS

Surname	Salama				
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EDUCATION (START WITH THE MOST RECENT DEGREE)

School/Collage/University/Other	Degree obtained	Dates (from-to)
Institute of Botany, Azrebijan Academy of Science-USSR	Ph. D. (Botany)	1978
Faculty of Science Assiut University	M. Sc. (Botany)	1973
Faculty of Science Assiut University	B. Sc. (Botany)	1967

EMPLOYMENT HISTORY

Employer	Position	Dates
Botany Department Faculty of Science Assiut University	Professor	2006 – till now
Botany Department Faculty of Science Assiut University	Head	2000 - 2006
Botany Department Faculty of Science Assiut University	Professor	1989 - 2000
Botany Department Faculty of Science Assiut University	Assistant Professor	1982 - 1989
Botany Department Faculty of Science Assiut University	Lecturer	1978 - 1982
Botany Department Faculty of Science Assiut University	Assistant Lecturer	1973 - 1978
Botany Department Faculty of Science Assiut University	Demonstrator	1967 - 1973

FIELDS OF INTEREST

- 1- Vegetation of inland Eastern Desert wadis.
- 2- Eco-physiology of desert plants.
- 3- Drought resistance.
- 4- Halophytes.
- 5- Waste water pollution.
- 6- Plant communities.

السيرة الذاتية

الاسم : فوزي محمود سيد أحمد سلامة
الوظيفة الحالية : أستاذ البيئة النباتية المتفرغ بقسم النبات كلية العلوم

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تاريخ المنح	مكان الحصول عليها	الدرجة العلمية
1967	قسم النبات - كلية العلوم - جامعة أسيوط	البكالوريوس
1973	قسم النبات - كلية العلوم - جامعة أسيوط	الماجستير
1978	جامعة باكو-أذربيجان (الاتحاد السوفيتي سابقا)	الدكتوراه

التدرج الوظيفي وتاريخ شغل كل وظيفة :

تاريخ شغلها	مكان الوظيفة	الوظيفة
1967	قسم النبات - كلية العلوم - جامعة أسيوط	معيد
1973	قسم النبات - كلية العلوم - جامعة أسيوط	مدرس مساعد
1978	قسم النبات - كلية العلوم - جامعة أسيوط	مدرس
1982	قسم النبات - كلية العلوم - جامعة أسيوط	أستاذ مساعد
1989	قسم النبات - كلية العلوم - جامعة أسيوط	أستاذ
يناير 2001 يوليو 2006	قسم النبات - كلية العلوم - جامعة أسيوط	رئيس قسم

المهام والزيارات الخارجية :

1. اجازته دراسية إلى الاتحاد السوفيتي للحصول علي الدكتوراه من 15/10/1974 وحتى 25/8/1978 .
2. مهمة علمية في إنجلترا لمدة ثلاثة شهور من 14/10/1985 وحتى 15/1/1986 .
3. مهمة علمية في جامعة تيوبنجن بألمانيا الغربية لمدة شهرين في الفترة من 6/11 – 10/8/1988
4. مهمة علمية في جامعة بريمن بألمانيا الغربية للإشراف علي قناة علمية لدرجة الدكتوراه في الفترة من 7-1989/7/21.
5. إعاره لكلية العلوم بمصراته ليبيا من 12/10/1989 وحتى 31/8/1990.
6. إعاره لكلية العلوم بمصراته ليبيا من 1/9/1991 وحتى 31/8/1997 .
7. زيارة لجامعة سودرتورن باستكهولم بالسويد لمدة أسبوع في أكتوبر 2004.
8. زيارة لجامعة تعز بالجمهورية اليمنية لمدة أسبوعين من 3 - 17 أبريل 2006.

عضوية اللجان العلمية والجمعيات :

- 1- عضو الجمعية النباتية المصرية .
- 2- عضو جمعية أصدقاء البيئة الليبية .
- 3- عضو جمعية أصدقاء البيئة بكلية العلوم جامعة أسيوط .
- 4- عضو مؤسس بجمعية البيئة الأردنية .
- 5- عضو اتحاد البيئة العربي .
- 6- رئيس قسم الأحياء بكلية العلوم جامعة مصراته بالجمهورية الليبية (1991-1997) .
- 7- رئيس قسم النبات بكلية العلوم جامعة أسيوط (2001 - 2006) .
- 8- عضو مجلس كلية العلوم جامعة أسيوط .
- 9- عضو مجلس إدارة مركز الدراسات والبحوث البيئية جامعة أسيوط .
- 10- عضو اللجنة العلمية الدائمة لترقية الأساتذة المساعدين (2001 - 2004) .
- 11- عضو اللجنة العلمية الدائمة لترقية الأساتذة بالمجلس الأعلى للجامعات (2004 - 2007).

المؤلفات والأبحاث المنشورة :

- 1- 74 بحثا منشورا في مجال البيئة النباتية .
- 2- كتاب " مقدمة في تصنيف النباتات الزهرية " 1994
- 3- Flora and Vegetation of the Eastern Desert of Egypt. (2014) . LAMPERT Academic Publishing. Germany.
- 4- Desert Vegetation along Western Mediterranean Coast of Egypt. (2014) . LAMPERT Academic Publishing. Germany.

الإشراف علي الرسائل العلمية :

- (19) رسالة ماجستير
(13) رسالة دكتوراه

الإنجازات البارزة :

- إنشاء مدرسة علمية في تخصص البيئة النباتية في كلية العلوم بمصراتة بالجمهورية العربية الليبية وذلك بمنح ستة من المعيدين درجات الماجستير وتأهيلهم ليصبحوا أعضاء هيئة تدريس بقسم الأحياء.
- 1- إنشاء مدرسة علمية في تخصص البيئة النباتية في كلية العلوم جامعة أسيوط تضم أساتذة وأساتذة مساعدين ومدرسين للبحث في مجالات فسيولوجيا البيئة النباتية والنباتات الملحية والمجتمعات النباتية وتلوث البيئة.
 - 2- تجديد جميع معامل طلاب ومعامل الأبحاث بقسم النبات وتزويدها بأحدث الأجهزة العلمية.
 - 3- إنشاء مركز للكمبيوتر للطلاب بقسم النبات وتزويده بالحاسبات والطابعات الليزرية .
 - 4- إنشاء صوبة لتربية النباتات في الدور الخامس بقسم النبات .

الأنشطة العامة :

- 1- رئيس تحرير مجلة النبات بكلية العلوم جامعة أسيوط (مجلة علمية متخصصة) .
- 2- المساهمة في حل المشاكل البيئية بالمجتمع مثل مجمع الألمونيوم بنجع حمادي وتلوث مياه الصرف الصحي في علوان بأسيوط ، والتعاون مع القوات المسلحة في حل بعض المشاكل بناء علي طلبهم .
- 3- إلقاء محاضرات عن التلوث بمياه الصرف الصحي في ندوة علمية في تونس ممثلا لجامعة أسيوط ومصر .
- 4- إلقاء محاضرة في المؤتمر الدولي الثالث للبيئة بجامعة أسيوط
- 5- المساهمة في تطوير المناهج الدراسية بالقسم والكلية من خلال برنامج الاعتماد والجودة.

قائمة البحوث المنشورة الخاصة بالسيد الأستاذ الدكتور/
فوزي محمود سلامه أستاذ البيئه النباتية
قسم النبات - كلية العلوم - جامعة أسيوط

1. El-Sharkawi, H. M.and **Salama,F.M.** (1973) : Drought resistance criteria in some wheat and barley cultivars. I. Analysis of transpiration curves. 7th Arab Sc. Congr.,Cairo, V: 1 – 14 .
2. El-Sharkawi, H. M.and **Salama,F.M.** (1973) : Drought resistance criteria in some wheat and barley cultivars. II. Adjustment in internal water balance. 7th Arab Sc. Congr.,Cairo, V: 25-42.
3. El-Sharkawi, H. M.and **Salama,F.M.** (1975): Salt tolerance criteria in some wheat and barley cultivars. I. Analysis of transpiration curves. Egypt, J. Bot., 18,No. 1-3,69-79.
4. El-Sharkawi, H. M.and **Salama,F.M.** (1976) : Salt tolerance criteria in some wheat and barley cultivars. II. Adjustment in internal water balance. Bull. Fac. Sci., Assiut Univ.,5(1):1-15.
5. El-Sharkawi, H. M.and **Salama,F.M.** (1977) :Effects of drought and salinity on some growth-contributing parameters in wheat and barley. Plant and soil, 46: 423- 433.

6. **Salama, F.M.** and R.A.Gasanov (1977) : Photosynthesis and formation of the native chlorophyll forms in light harvesting complexes of wheat chloroplasts under physiological drought (Salinity) . EZVESTIA, Azerbaijan Academy of Science, No. 6, 28 – 40 .

7. **Salama, F.M.** (1978) : The light curves and kinetics of O₂ evolution from the wheat leaves under water deficiency. Doklad, Azerbaijan Academy of Science No.1: 61 – 65.

8. **Salama, F.M.** ; Aleif,Z.W. and Gasanov,R.A.(1980) : Photochemical activity in chloroplasts of wheat seedlings under physiological drought. EZVESTIA, Azerbaijan Academy of Sci. No. 5, 24 – 30.

9. - El Sharkawi H.M.; Fayed,A.A. and **Salama, F.M.** (1982) : Vegetation of inland desert wadies in Egypt . II. Wadi El-Matuli and Wadi El-Qarn. Feddes Repertorium, 93(1-3) 125-133.

10. El-Sharkawi H.M.; **Salama, F.M.**.. and Fayed, A.A. (1982) : Vegetation of inland desert wadies in Egypt. III Wadi Gimal and Wadi El-Miyah. Feddes Repertorium, 93(1-2) 135-145.

- 11- **Salama , F.M.**.;Khodary,S.E.A. and Heikal,M.M.D. (1981):Effect of soil salinity and IAA on growth, photosynthetic pigments,and mineral composition of tomato and rocket plants. Phytion 21 (2) 177- 188 .

- 12- **Salama , F. M.** ;Khodary,S.E.A. and Heikal,M.M.D. (1982) : Effect of saline irrigation and gibberelic acid on osmotic pressure, photosynthetic pigments and carbohydrates content of carrot and sugar beet plants. Egypt. J. Bot., 23(2): 113 – 121 .

- 13-El-Sharkawi, H. M.; **Salama F. M.** and Ashour, S. (1980) : Cation uptake by water hyacinth (*Eichhornia crassipes* L.) under reduced water potential. Bull. Fac. Sci. Assiut Univ. 9 (1): 49-62.
- 14- El-Sharkawi, H. M.; **Salama F. M.** and Ashour, S. (1981) : The flux of nitrate, sulphate and phosphate ions in *Eichhornia crassipes* roots under reduced water potential. Bull.Fac. Sci. Assiut Univ. 10 (1) 1-17 .
- 15-Khodary ,S. A.; **Salama, F. M.** and Heikal M. M. D. (1981) : The interactive effect of salinity and GA₃ on growth , water content and mineral composition of carrot and sugar beet plants. Asw. Sci. Tech. Bull. Vol. 3 No.1, 209 – 224.
- 16- El-Sharkawi, H. M. and **Salama, F. M.** (1984) : Water relations of flax, cotton and wheat under salinity stress. Phytion , 24 (1) 87 – 100.
- 17- El-Sharkawi, H. M.; Fayed, A. A. and **Salama F. M.** (1984) : Vegetation of inland desert wadies in Egypt. VI. Wadi Qassab. Feddes Repertorium, 95(7-8)561-570.
- 18- El-Sharkawi, H. M.; **Salama F. M.** and Mazen, A. A. (1986) : Chlorophyll response to salinity, sodicity, and heat stresses in some crop plants . Photosynthetica, 20 (2) : 204 – 211.
- 19- **Salama, F. M.** and Awadalla, A. A. (1986) : Effect of kinetin and salinity on water relations of Sorghum and Gossypium plants. I. Analysis of transpiration curves. Sohag. Pure. Appl. Sci. Bull. Fac. Sci. Egypt. 2, 209 – 229.

- 20- El-Sharkawi, H. M.; **Salama, F. M.** and Fayed , A.A. (1987) : Vegetation of inland desert wadies in Egypt. VII. Wadi Kharit.Feddes Repertorium,98(9-10)543-547.
- 21- **Salama, F. M.** and Awadalla, A. A. (1986) : effect of kinetin and salinity on osmotic pressure and carbohydrate contents in two crop plants. Egypt, J. Bot. 29-30,No 1-3, 77 – 88 .
- 22- **Salama, F. M.** and Awadalla, A. A. (1987) : Effect of kinetin and salinity on water relations of Sorghum and Gossypium plants. II. The relative water content. Assiut, J. Agr. Sci. 18 (1) 281 – 290 .
- 23- **Salama, F. M.** and Awadalla, A. A. (1987) : The interactive effect of kinetin and salinity stress on soluble proteins and total free amino acids in Sorghum and Gossypium plants. Bull. Fac. Sci.,Assiut Univ. 16 (1) 1 – 13 .
- 24-. **Salama, F. M.** and Awadalla, A. A. (1987) : The effect of different kinetin application methods on some chlorophyll parameters of two crop plants grown under salinity stress . Phytion, 27 (2) 181 – 193 .
- 25- **Salama, F. M.** and Ashour, A.S. (1987) : Germination, water content ,growth and soluble carbohydrate of wheat and kidney bean seedlings as affected by salinity and phytohormones. Assiut , J. Agr. Sci. 18 (2) 349 – 363 .

- 26- **Salama, F. M.** and Abdel-Basset, R. (1987) : Amino acids and protein metabolism as affected by the interaction of salinity and phytohormones in wheat and kidney bean plants . Assiut, J. Agr. Sci. 18 (3) 201 – 213 .
- 27- **Salama, F. M.** and Awadalla, A. A. (1987) : Changes in the ionic content of two crop plants as affected by the interaction of kinetin and salinity stress. Bull. Fac. Sci. Qena , Egypt. 1 (1), 241 – 254 .
- 28- El-Sharkawi, H. M.; **Salama F. M.** and Mazen, A. A. (1987) : Ionic and hydrative adjustments to salinity and sodicity stresses in some crop plants. Egypt. J. Bot. 29-30, No 1-3, 107 – 115 .
- 29- El-Sharkawi, H. M.; Fayed, A. A. and **Salama F. M.** (1988) : Vegetation of inland desert wadis in Egypt. IX . Eastern tributaries of lower Wadi Qena . Feddes Repertorium, 99 (9 – 10) 489 – 495 .
- 30- Flowers, T. J.; **Salama, F. M.** and Yeo, A. R. (1988) : Water use efficiency in rice (*Oryza sativa* L.) in relation to resistance to salinity. Plant, Cell and Environment, 11, 453 – 459 .
- 31- **Salama, F. M.** and Fayed A. A. (1989) : Phytosociological study along the Idfu – Marsa alam road . Feddes Repertorium 100 (3 – 4) 191 – 195 .
- 32- El-Sharkawi, H. M.; **Salama, F. M.** and M. K. Ahmed (1988) : Some aspects of drought resistance in desert plants. I. Metabolic components of osmotic adjustment . Bull. Fac. Sci. , Assiut Univ. 17 (1 – D) 135 – 172 .

- 33-**Salama, F. M.** (1988) : Ecophysiological studies on *Limonium axillar* (Foresk) Kize. In the Red Sea coast, Egypt. Bull. Fac. Sci. Assiut Univ. 17(1-D) 199-223 .
- 34- El-Sharkawi, H. M.; **Salama, F. M.** and Fayed , A.A. (1990) : Vegetation of inland desert wadies in Egypt . X. The wadi system north of Hurghada. Feddes Repertorium 101 (1 – 2) 97 – 102 .
- 35- **Salama, F. M.** and Fayed , A.A. (1990) : Phytosociological study on the deltiac part and the principal channel of wadi Qena, Egypt . Feddes Repertorium. 101 (1 – 2) 89 - 96.
- 36- **Salama, F. M.** and El-Naggar, S. M. (1991) : Phytosociology of wadi system west of El-Qusseir province. Feddes Repertorium , 102 (5 – 6) 453 – 468 .
- 37- **Salama, F. M.**; Abdel-Rahman,M. and Edam,M. A. (1977) : The interactive effect of salinity and some plant hormones on chlorophyll content, carbohydrates and osmotic pressure of broad bean and barley plants. The Frist Conference for Biological Sciences. Gar Yonis Univ. Ben-Gazi , Libya. 6 – 8 May.
- 38-**Salama, F. M.** and Murad, S. K. (1997) : Isolation and Identification of some bacterial genera that dominate the microbial population of four hot springs in Musrata, Libya. I. The blue green bacteria. The Frist Conference for Biological Sciences. Gar Yonis Univ. Ben-Gazi , Libya. 6 – 8 May.

- 39-**Salama, F. M.** El-Soul, M.M. and Baayo, Kh. (1998) : Impact of cement dust pollution on some plants growing in the region between Musrata and El-Khoms, Libya. The First Congress of Health and Urban Environment. Madrid, Spain,6-10 July.
- 40- **Salama, F. M.** El-Soul, M.M. and Baayo, Kh. (1998) : Effect of automobile exhaust as an air pollutant on the biology of the shrubs and trees in Musrata, Libya. The First Conference of Environmental Problems . Mutah Univ. Karak , Jordan. 14 – 16 April.
- 41-**Salama, F. M.** ; El-Naggar, S. M. and Ramadan, T. (1999) : Salt glands of some halophytes in Egypt. *Phyton* 39 (1) 91 – 105 .
- 42- **Salama, F. M.** El-Soul, M.M. and El-Garowsky, M.M.(2000) : Effects of reclaimed wast water irrigation on the soil composition , heavy metal pollution and the growth of some vegetables . The First Scientific Conference on Environment and Natural Resources . Taiz , Yemen . 15 – 22 April .
- 43- **Salama, F. M.** El-Soul, M.M. and El-Kobby, H. Sh. (2000) : Germination , water content ,and growth parameters of three glycophytic plant seedlings as affected by the interaction of water stress and growth regulators . *Bull. Fac. Sci. Assiut University*.29(1-D),p-p.141-150.
- 44- Khalil , A.M. ;**Salama, F. M.** and El-Zidany, R. M.(2000) : Incidence of microfungi in some water bodies at Musrata region, Libya . *Bull. Fac. Sci. Assiut University*. 29 (1-D),P-P.189-198 .
- 45- Gadallah , M.A.A. ; Sayed , S.A. and **Salama , F.M.** (2001) : Some metabolic aspects of *Zygophyllum coccenium (L)* growing at different habitats in Eastern Desert , Egypt. *Bull. Fac. Sci. Assiut University* 30 (1 – D) P-P. 33 – 42 .

- 46- **Salama , F. M.** ; El-Sharkawi, H. M. and Gadallah , M.A.A. (2001) : Chlorophyll parameters in *Hibiscus sabdariffa* and *Lupinus albus* plants in response to decreasing soil water potentials and kinetin treatments. PS 2001 – 12th International Congress on Photosynthesis !8 – 23 August , Brisbane, Australia.
- 47- **Salama , F.M.** ; Gadallah , M.A.A. ; Ahmed, M.K. and El-Tayeh, N.A.(2003) : Responses of wheat and faba bean plants to reclaimed wastewater irrigation. Bull. Fac. Sci. Assiut University 32 (1 – D) P-P. 211 – 223 .
- 48- **Salama , F.M.** Abd El-Ghani, M.M. ;El-Naggar, S.M. and Baayo, Kh. A.(2003) : Floristic composition and chorological analysis of the Sallum area, west Mediterranean, Egypt. J. Union Arab Biol.Cairo, 10th International Conference, Libya Vol. 13 (B) 27 – 47.
- 49- Ramadan, T. **Salama,F.M.** and Abuzuhri, K. M. (2003) : Effect of sewage sludge application on the sandy soil water economy and some growth parameters of two crop plants. Bull. Fac. Sci. Assiut University 32 (2-D), 277-293.
- 50- **Salama,F.M.** ; Gadalla,M.A.A. ; Ahmed,M.K. and El-Tayeh,N.A. (2005) : Changes in chlorophyll content and some carbon and nitrogen metabolism in wheat and faba bean plants in response to reclaimed wastewater irrigation. Assiut Univ. J. of Botany 34 (1), 251-263.
- 51- Ramadan, T. **Salama,F.M.** ; El-Anany,A.E. and Abuzuhri, K. M.(2005) : Uptake and translocation of sludge-born heavy metales by sorghum : subcellular localization of Cu. Assiut Univ. J. of Botany 34 (1), 265-287.
- 52- **Salama,F.M.** ; Abd El-Ghani, M. M. ; El Naggar,S.M. and Baayo, Kh.A. (2005) : Vegetation structure and environmental gradients in the Sallum area, Egypt. ecologia mediterranea,tone 31 fascicule 1, 15-32.
- 53- **Salama,F.M.** ; T. Ramadan ; Ahmed,M.K. and El-Tayeh,N.A. (2007) : The interactive effect of salinity and Brassinolide or Uniconazole on water

relations and some growth parameters of *Vicia faba* and *Zea mays* plants. *El-Minia Science Bulletin* 18 (1) , 227-256 .

- 54- **Salama, F.M.** ; Gadalla, M.A.A. ; and Amro, A. M. (2009) : Effects of different pollutants on chlorophyll content of *Phragmites* and *Cyperus* plants in Assiut province. The first international conference of biological sciences. (4-5 March, Assiut Univ. Egypt).
- 55- **Salama, F.M.** ; T. Ramadan ; Ahmed, M.K. and El-Tayeh, N.A. (2009) : The interactive effect of salinity and Brassinolide or Uniconazole on chlorophyll and sugars of *Vicia faba* and *Zea mays* plants. The 24th meeting of Saudi Biological Society : Reality and Application , Madinah Almunawwarah, at Taibah University (7 – 9 April , 2009).
- 56- **Salama, F. M.**; Gadalla, M.A.A. ; and Amro, A. M. (2010) : Effect of Water Pollution on Chlorophyll, Soluble Sugars and Hydrolysable Carbohydrates in *Typha domingensis* in Assiut Province. 2nd International Conference "Conservation and Development of Natural Heritage" December 5-10, 2010 Sharm El-Sheikh, Egypt .
- 57- **Salama, F.M.** ; Gadalla, M.A.A. ; and Amro, A. M. (2010) : Capability of *Echinochloa stagnina* to Remove Some Mineral Elements and Metals from Polluted Water in Assiut Province. 2nd International Conference "Conservation and Development of Natural Heritage" December 5-10, 2010 Sharm El-Sheikh, Egypt .
- 58- **Salama, F.M.** ; Gadalla, M.A.A. ; and Amro, A. M. (2011) : Impacts of Water Pollution on Some Soluble Carbon and Nitrogen Metabolites in *Cyperus alopecuroides* Plants in Assiut Province. Third Scientific Conference of Younger Researchers. Botany Department, Faculty of Science, Assiut University, Egypt.

- 59- **Salama,F.M.** and El-Tayeh, N. A. (2011) : Accumulation and distribution of minerals and heavy metals in cotton plants grown on soil amended with urban sewage sludge. *Egyp. J. Bot.* 52 (1) 159-175.
- 60- **Salama,F.M.** and El-Tayeh, N. (2011) : Effect of treated wastewater irrigation on growth, chlorophyll and carbohydrate contents in flax plant. *El-Minia Science Bulletin*, V. 22 (2) 25-38.
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