

Diagnoses Ostrearum novarum

ex agris mollasicis,

auctore

C. Mayer-Eymar, Prof.

October 1891.

Significant: (1) rarissimum; (2) rarum; (3) non rarum; (4) frequens
et (5) abundans.

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E serie Ostreae (Alectryoniae) cymbularis.

**Ostrea (Alectryonia) trigonioides**, May.-Eym.

Testa (valva inferior) ovato-trigona, transversa, valde inaequilateralis, profundiuscula, crassa, umbone pæne affixa; costae satis numerosae, irregulares, interdum divaricatae, angustae, elevatae, subtriangulares, irregulariter imbricatae, saepe subtubuloso-spinosae, intersticia costis paulo latiores, inaequaliter profunda; latus anticum brevissimum, latum, subtruncatum, posticum longissimum, sensim attenuatum, subrostratum, superne leviter concavum, inferne arcuatum; umbo parvus, latus, obliquus; cardo brevis, latus, canali humili, arcuato, areis latis, planis; cicatricula muscoli magna, ovato-rotundata, transversa, lateralis; margines anticus et inferior cristato-dentati, supero-posticus crassi dentatus. — Long. 67, lat. 77 mm.

Astianum II, b: Castell' arquato prope Placentam  
(1) Mus. Tur.

E serie Ostreae (Alectryoniae) Gaasensis.

**Ostrea (Alectryonia) Tournoneri**, May.-Eym.

Testa majuscula, elongata, angustiuscula, fere recta, subaequalvalvis, æquilateralis, compressa, incrassata, lateribus antico et postico parallelis; costae paucae, irre-

gulares, fornicatae, irregulariter tegulato-tubulosae, superne minores, ad margines sensim dilatatae depressioresque; umbones breves, lati, triangulares, ille valvae inferioris prominens; cardo huius valvae regulariter triangularis, transversim rugatus; canali profundiusculo, leviter arcuato, areis latis, planis; cardo alterae valvae latiusculus, planus; cicatriculae musculi oblongae, laterales; margines ex toto laeves. — Long. 125, lat. 55 mm.

Tóngrianum II: Ste-Croix-du-Mont prope Burdigalam (3) Mus. Tur. et Univ. cathol. Paris.

Dertonianum I, b: Stazzano prope Dertonam (1—2) Mus. Tur.

E serie *Ostreae* Addolii.

***Ostrea asciiformis***, May.-Eym.

Testa oblonga, oblique subtransversa, arcuata, angustiuscula, antice brevissima, rotundata; postice praelonga; valva inferior umbone adnata, superne profunda, crassula, inferne subgeniculata, leviter dilatata, compressa, tenuis, subtruncata; costae non multae, elevatae, fornicatae, irregulares, lamelloso-tegulatae, ad marginem inferiorem late divaricantes; costellae supero-posticae transversae; umbo paulum angustatus obtususque; cardo brevis, latus, canali lato, humili, areis planis; cicatricula musculi magna, oblonga, obliqua, cardini approximata; margines ad cardinem leviter scrobiculati; (valva superior plana, lamellosa). — Long. 80, lat. 52 mm.

Helvetianum II, b: Salles prope Burdigalam (1) Mus. Tur.

E serie *Ostreae* Barklayi.

***Ostrea Bachmanni***, May.-Eym.

Testa oblonga, angusta, medio geniculata, subtenuis;

valva inferior medio profundiuscula, multicostata; costulae anticae et infero-posticae validulae, subæquales, supero-posticae minores; umbo angustatus, incurvus; cardo angustus, canali angusto, profundo, areis validulis; cicatricula musculi magna, oblique-subpiriformis, lateralis; margines ex toto dentati, superne intus scrobiculati; valva superior plano-convexa, lamellosa, umbone obtuso. — Long. 55, lat. 32 mm.

Helvetianum II, a: Othmarsingen, Mægenwyl, Killwangen, Würenlos (Argovia) (3—2), Niederhasli prope Turicum (2—3) Mus. Tur.

E serie *Ostreae borealis*.

***Ostrea argoviana***, May.-Eym.

Testa medioeris, variabilis, plerumque angusta, ovato-oblonga, raro subtrigona, recta vel subrecta; valva inferior profunda, incrassata, modo umbone, modo dorso affixa, multilamellosa: lamellis pro parte contabulatis, a costulis irregularibus, depressis, interruptis, crispato-rugosis, interdum subspinosis; umbo angustatus, plerumque acutus; cardo plus minusve elongatus, interdum praelongus, canali angusto, profundiusculo, areis canalem æquantibus, plano-convexis; cicatricula musculi parva, late-semilunaris; margines ex toto læves; valva superior crassula, irregulariter planata, lamellosa, obscure radiata; cardo subbrevis, subplanus; margines ex toto læves. — Long. 55, lat. 40 mm.

Helvetianum II, a: Umikon (5), Brugg (3) (Argoviae) Mus. Tur.

***Ostrea Carryensis***, May.-Eym.

Testa ovato-oblonga vel ovato-subtrigona, perpaulum obliqua; valva inferior dorso plus minusve affixa, convexa, interdum profunda, crassula, irregulariter lamellosa,

rugata et striata; costae radiantes numerosae, inaequales, pro parte maxima superficiales, interruptae, evanescentes, paucae majores, fornicatae, raro ad lamellas subspinosae; umbo sensim angustatus, plerumque acutus; cardo majusculus, triangularis, rectus vel obliquus, canali sensim angustato, paulum profundo, areis latis, planis; cicatricula musculi magna, late semilunaris, lateralis; margines intus laeves vel ad cardinem pauci scrobiculati; valva superior minor; plana vel plano-concava, tenuis, lamellosa, leviter multiradiata. — Long. 90, lat. 60,\* in alteris, long. 65, lat. 50 mm.

Langhianum I, a; Carry prope Massiliam (3—4)  
Mus. Tur.

**Ostrea Descartesi**, May.-Eym.

Testa oblonga, recta, subtenuis; valva inferior subpentagonalis, profunda, irregularis, superne leviter dilatata, subbialata, inferne rotundata, multilamellosa: lamellae irregularissimae, pro parte rugiformis; costae longitudinales irregularissimae, obscurae; umbo prominens, rectus, triangularis, acutus; cardo angustus, canali lato, paulum profundo, areis validis, planoconvexis; cicatricula musculi maxima, late semilunaris, leviter obliqua; margines ex toto laeves; (valva superior minor, plano-convexa, lamellosa, marginibus laevibus). — Long. 82, lat. 64 mm.

Helvetianum I: Manthelan prope Turones (1)  
Mus. Tur.

**Ostrea Fontanesi**, May.-Eym.

Testa parva, elongata, angusta, leviter arcuata, inferne subgeniculata, subtenuis; valva inferior paulum convexa, umbone affixa, dorso subplana, irregulariter lamellosa; costae non multae, superne obscurae, inferne latiores, depressae; umbo obliquus, leviter incurvus; cardo longius-

culus, canali lato, profundiusculo, areis angustis; cicatrix muscoli oblique subpiriformis; margines læves; (valva superior plana, lamellosa). — Long. 35, lat. 14 mm.

Helvetianum II, a: St.-Restitut (Drome) (1—2)  
Mus. Tur.

E serie *Ostreae* Giengensis.

***Ostrea Bourgueti*, May.-Eym.**

Testa mediocris, oblonga, leviter arcuata, solidula; valva inferior umbone late affixa, superne valde convexa, angustata, irregularis, inferne compressa, dilatata; costulae satis crebrae, leviter fornicatae, fere æquales, rugis incrementi leviter crenatae; umbo prominens, angustulus, apice contortus; cardo acute triangularis, canali latiusculo, profundiusculo, areis validis, plano-convexis, rugosis; valva superior minor, angusta, plano-concava, lamellosa, umbone subtruncato, apice acutulo. — Long. 78, lat. 43 mm.

Helvetianum II, a: Saicourt prope Tavannes, pagus Bernensis, (1) Mus. Tur.

E serie *Ostreae* cochlearis.

***Ostrea Serravallensis*, May.-Eym.**

Testa subparva, variabilis, ovata vel subtrigona, subrecta, paulum incrassata, lævigata; valva inferior profunda, umbone vel dimidio dorsi late affixa, pauci-lamellosa; costae paucae, latae, irregulares, initio tuberculoso-spinosae, subito attenuatae et obscurae; umbo parvus, plus minusve obliquus, cardo brevis, triangularis, canali modo angusto, modo latiusculo, paulum profundo, areis latiusculis, planis; cicatrix muscoli, semilunaris, obliqua; valva superior irregulariter planata, sublamellosa; umbo brevissimus; cardo latus, planus; margines ad cardinem obscure scrobiculati. — Long. 35, lat. 21—26 mm.

Helvetianum II, a: Serravalle-Scrvia, Stazzano (5) etc. Mus. Tur.

E serie *Ostreae pseudo-edulis*.

***Ostrea spatuliformis*, May.-Eym.**

Testa majuscula, elongato-trigona, recta, subtenuis vel solidula; valva inferior umbone adnata, modo plano-convexa, modo convexa, lamellosa; costae non multae, irregulares, modo superficiales evanescentesque, modo subfornicatae; umbo acutatus, modo praelongus, modo obliquus, apice reflexus; cardo longiusculus, acute triangularis, canali paulum lato, profundiusculo, areis validis, plano-convexis; cictricula musculi magna, subsemilunaris, obliqua; margines intus ad cardinem scrobiculati; valva superior plana, multi-lamellosa; umbo elongato et angustato; cardo subplanus, tripartitus. — Long. 120, lat. 85 mm.

Astianum II, a et b: Castell' arquato, Lugagnano, Monte-Zago etc. (2—3) Mus. Tur.

E radice nobis adhuc ignota.

***Ostrea helvetica*, May.-Eym.**

Testa parva, elongata vel oblonga, recta vel subrecta, subæquivalvis, incrassata; valvae convexae vel fornicatae, valde lamellosae: lamellae paulum irregulares, crassulae, paulum densae, imbricatae, undosae; umbones breves, contorti; cardo brevis, latus, canali valvae inferioris angustiusculo, profundo, areis validis, convexis; cicatriculae musculi maximae, profundae, ovato-semilunares, obliquae; margines laeves. — Long. 55, lat. 25, in alteris, long. 50, lat. 35 mm.

Helvetianum II, b: Münsingen (Weinhalde) prope Bernam (4—5) (olim) Mus. Tur.