

**MANTENIMENTO ED IMPLEMENTAZIONE DELLE AREE MARINE PROTETTE ALL'INTERNO DI
ASPIM**

ANNESSO 2
Habitat marini del Mediterraneo

HABITAT MARINI DEL MEDITERRANEO

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I. SUPRALITTORAL/ SOPRALITORALE

I. 1. MUDDS / FANGHI

I. 1. 1. Biocenosis of beaches with slowly-drying wracks under glassworts

Biocenosi delle aree esondate a lenta dissecazione sotto le salicornie

I. 2. SANDS / SABBIE

I. 2. 1 Biocenosis of supralittoral sands

Biocenosi delle sabbie sopralitorali

I. 2. 1. 1. Facies of sands without vegetation, with scattered debris

Facies delle sabbie senza vegetazione, con detriti sparsi

I. 2. 1. 2. Facies of depressions with residual humidity

Facies delle depressioni con umidità residuale

I. 2. 1. 3. Facies of quickly-drying wracks

Facies delle aree esondate a rapida dissecazione

I. 2. 1. 4. Facies of tree trunks which have been washed ashore

Facies dei tronchi d'albero spiaggiati

❖ I. 2. 1. 5. Facies of phanerogams which have been washed ashore (upper part)

Facies delle fanerogame che sono state spiaggiate (parte superiore)

I. 3. STONES AND PEBBLES / MASSI E CIOTTOLI

I. 3. 1. Biocenosis of slowly drying wracks

Biocenosi delle aree esondate a lenta dissecazione

I. 4. HARD BEDS AND ROCKS / FONDI DURI E ROCCIOSI

I. 4. 1. Biocenosis of supralittoral rock

Biocenosi delle rocce sopralitorali

I. 4. 1. 1. Association with *Entophysalis deusta* and *Verrucaria amphibia*

Associazione a *Entophysalis deusta* e *Verrucaria amphibia*

I. 4. 1. 2. Pools with variable salinity (mediolittoral enclave)

Pozze a salinità variabile (enclave mesolittorale)

II. MEDIOLITTORAL / MEDIOLITORALE

II. 1. MUDS, SANDY MUDS AND SANDS / FANGHI, FANGHI SABBIOSI E SABBIE

II. 1. 1. Biocenosis of muddy sands and muds

Biocenosi delle sabbie fangose e fanghi (delle lagune e degli estuari)

- ❖ II. 1. 1. 1. Association with halophytes
Associazioni ad alofite
- ❖ II. 1. 1. 2. Facies of saltworks
Facies delle saline

II. 2. SANDS / SABBIE

II. 2. 1. Biocenosis of mediolittoral sands

Biocenosi delle sabbie mesolitorali

- II. 2. 1. 1. Facies with *Ophelia bicornis*
Facies a *Ophelia bicornis*

II. 3. STONES AND PEBBLES / MASSI E CIOLTTOLI

II. 3. 1. Biocenosis of mediolittoral coarse detritic bottoms

Biocenosi del detritico mesolitorale

- ❖ II. 3. 1. 1. Facies of banks of dead leaves of *Posidonia oceanica* and other phanerogams / Facies degli ammassi spiaggiati (banquettes) di foglie morte di *Posidonia oceanica* ed altre fanerogame

II. 4. HARD BEDS AND ROCKS / FONDI DURI E ROCCIOSI

II. 4. 1. Biocenosis of the upper mediolittoral rock

Biocenosi della roccia mesolitorale superiore

- II. 4. 1. 1. Association with *Bangia atropurpurea*
Associazione a *Bangia atropurpurea*
- II. 4. 1. 2. Association with *Porphyra leucosticta*
Associazione a *Porphyra leucosticta*
- ❖ II. 4. 1. 3. Association with *Nemalion helminthoides* and *Rissoella verruculosa* / Associazione a *Nemalion helminthoides* e *Rissoella*

verruculosa

- ❖ II. 4. 1. 4. Association with *Lithophyllum papillosum* and *Polysiphonia* spp. /
Associazione a *Lithophyllum papillosum* e *Polysiphonia* ssp.

II. 4. 2. Biocenosis of the lower mediolittoral rock

Biocenosi della roccia mesolitorale inferiore

- ❖ II. 4. 2. 1. Association with *Lithophyllum byssoides* [= entablature
with *L. tortuosum*] / Associazione a *Lithophyllum byssoides* [cornice e
marciapiede (encorbellement e trottoir) a *L. tortuosum*]
- II. 4. 2. 2. Association with *Lithophyllum trochanter*
Associazione a *Lithophyllum trochanter*
- II. 4. 2. 3. Association with *Tenarea undulosa*
Associazione a *Tenarea undulosa*
- II. 4. 2. 4. Association with *Ceramium ciliatum* and *Corallina elongata*
Associazione a *Ceramium ciliatum* e *Corallina elongata*
- ❖ II. 4. 2. 5. Facies with *Pollicipes cornucopiae*
Facies a *Pollicipes cornucopiae*
- II. 4. 2. 6. Association with *Enteromorpha compressa*
Associazione a *Enteromorpha compressa*
- ❖ II. 4. 2. 7. Association with *Fucus virsoides*
Associazione a *Fucus virsoides*
- ❖ II. 4. 2. 8. *Neogoniolithon brassica-florida* concretion
Concrezioni a *Neogoniolithon brassica-florida*
- II. 4. 2. 9. Association with *Gelidium* spp.
Associazione a *Gelidium* spp.
- ❖ II. 4.2.10. Pools and lagoons sometimes associated with vermetids (infralittoral
enclave) Pozze e lagune talora associate a vermetidi (enclave infralittorale)

II. 4. 3. Biocenosis of the Mediolittoral caves / Biocenosi delle Grotte mediolitorali

- ❖ II. 4. 3. 1. Association with *Phymatolithon lenormandii* and *Hildenbrandia
rubra* / Associazione a *Phymatolithon lenormandii* e *Hildenbrandia rubra*

III. INFRALITTORAL / INFRALITORALE

III. 1. SANDY MUDS, SANDS, GRAVELS AND ROCKS IN EURYHALINE AND EURYTHERMAL ENVIRONMENT / FANGHI SABBIOSI, SABBIE, GHIAIE E ROCCE

III. 1. 1. Euryhaline and eurythermal biocenosis

Biocenosi lagunarie eurialine ed euriterme

- ❖ III. 1. 1. 1. Association with *Ruppia cirrhosa* and/or *Ruppia maritima*

Associazione a *Ruppia cirrhosa* e/o *Ruppia maritima*

- III. 1. 1. 2. Facies with *Ficopomatus enigmaticus*

Facies a *Ficopomatus* (= *Mercierella*) *enigmaticus*

- ❖ III. 1. 1. 3. Association with *Potamogeton pectinatus*

Associazione a *Potamogeton pectinatus*

- ❖ III. 1. 1. 4. Association with *Zostera noltii* in euryhaline and eurythermal

environment / Associazione a *Zostera noltii* in ambiente eurialini ed euritermi

- III. 1. 1. 5. Association with *Zostera marina* in euryhaline and eurythermal

environment / Associazione a *Zostera marina* in ambiente eurialini ed euritermi

- III. 1. 1. 6. Association with *Gracilaria* spp. / Associazione a *Gracilaria* spp.

- III. 1. 1. 7. Association with *Chaetomorpha linum* *Gracilaria* spp. and *Valonia*

aegagropila / Associazione a *Chaetomorpha linum* e *Valonia aegagropila*

- ❖ III. 1. 1. 8. Association with *Halopithys incurva*

Associazione a *Halopithys incurva*

- III. 1. 1. 9. Association with *Ulva laetevirens* and *Enteromorpha linza*

Associazione a *Ulva laetevirens* e *Enteromorpha linza*

- III. 1. 1. 10. Association with *Cystoseira barbata*

Associazione a *Cystoseira barbata*

- III. 1. 1. 11. Association with *Lamprothamnium papulosum*

Associazione a *Lamprothamnium papulosum*

- III. 1. 1. 12. Association with *Cladophora echinus* and *Rytiphloea*

tinctoria / Associazione a *Cladophora echinus* e *Rytiphloea tinctoria*

III. 2. FINE SANDS WITH MORE OR LESS MUD

SABBIE FINI PIU' O MENO INFANGATE

III. 2. 1. Biocenosis of fine sands in very shallow waters

Biocenosi delle sabbie fini a bassa profondità

- III. 2. 1. 1. Facies with *Lentidium mediterraneum*

Facies a *Lentidium mediterraneum*

III. 2. 2. Biocenosis of well sorted fine sands

Biocenosi delle sabbie fini ben calibrate

III. 2. 2. 1. Association with *Cymodocea nodosa* on well sorted fine sands /

Associazione a *Cymodocea nodosa*

❖ III. 2. 2. 2. Association with *Halophila stipulacea*

Associazione a *Halophila stipulacea*

III. 2. 3. Biocenosis of superficial muddy sands in sheltered waters

Biocenosi delle sabbie fangose superficiali in ambiente riperato (mode calme svmc)

III. 2. 3. 1. Facies with *Callianassa tyrrhena* and *Kellia corbuloides*

Facies a *Callianassa tyrrhena* e *Kellia corbuloides*

III. 2. 3. 2. Facies with fresh water resurgences with *Cerastodermaglaucum* and

Cyathura carinata / Facies con sorgenti di acqua dolce a *Cerastoderma glaucum* e *Cyathura carinata*

❖ III. 2. 3. 3. Facies with *Loripes lacteus*, *Tapes* spp. / Facies a *Loripes lacteus*, *Tapes* spp.

III. 2. 3. 4. Association with *Cymodocea nodosa* on superficial muddy sands in

sheltered waters / Associazione a *Cymodocea nodosa* su sabbie infangate superficiali in acque riparate

❖ III. 2. 3. 5. Association with *Zostera noltii* on superficial muddy sands in sheltered waters / Associazione a *Zostera noltii* su sabbie infangate superficiali in acque riparate.

III. 2. 3. 6. Association with *Caulerpa prolifera* on superficial muddy sands in

sheltered waters / Associazione a *Caulerpa prolifera* su sabbie infangate superficiali in acque riparate.

❖ III. 2. 3. 7. Facies of hydrothermal oozes with *Cyclope neritea* and nematodes / Facies degli sgocciolii idrotermali a *Cyclope neritea* e nematodi

III. 3. COARSE SANDS WITH MORE OR LESS MUD

SABBIE GROSSOLANE PIU' O MENO INFANGATE

III. 3. 1. Biocenosis of coarse sands and fine gravels mixed by the waves

❖ III. 3. 1. 1. Association with rhodolithes / Associazione a rodoliti

III. 3. 2. Biocenosis of coarse sands and fine gravels under the influence of bottom currents

(also found in the Circalittoral) / Biocenosi delle sabbie e ghiaie fini sotto l'influenza di correnti di fondo (si può riscontrare anche nel Circalitorale)

❖ III. 3. 2. 1. Maërl facies (= Association with *Lithothamnion corallioides* and *Phymatolithon calcareum*) (can also be found as facies of the biocenosis of coastal detritic). / Facies del maërl (Associazione a *Lithothamnion corallioides* e *Phymatolithon calcareum*; può essere riscontrato anche come facies del detritico costiero).

- ❖ III. 3. 2. 2. Association with rhodolithes / Associazione a rodoliti

III. 4. STONES AND PEBBLES / MASSI E CIOTTOLI

III. 4. 1. Biocenosis of infralittoral pebbles / Ghiaie infralitorali

III. 4. 1. 1. Facies with *Gouania wildenowi*

Facies a *Gouania wildenowi*

III. 5. POSIDONIA OCEANICA MEADOWS

PRATERIA A *POSIDONIA OCEANICA*

- ❖ III. 5. 1. Posidonia oceanica meadows (= Association with *Posidonia oceanica*)

Prateria a *Posidonia oceanica* (= Associazione a *Posidonia oceanica*)

- ❖ III. 5. 1. 1. Ecomorphosis of striped meadows

Ecomorfosi di praterie a bande

- ❖ III. 5. 1. 2. Ecomorphosis of “barrier-reef” meadows

Ecomorfosi di praterie a barriera

III. 5. 1. 3. Facies of dead “mattes” of *Posidonia oceanica* without much epiflora

/ Facies dei rizomi morti (mattes mortes) di *Posidonia oceanica*

III. 5. 1. 4. Association with *Caulerpa prolifera* / Associazione a *Caulerpa prolifera*

III. 6. HARD BEDS AND ROCKS / FONDI DURI E ROCCIOSI

III. 6. 1. Biocenosis of infralittoral algae¹:

Biocenosi delle alghe infralitorali

III. 6. 1. 1. Overgrazed facies with encrusting algae and sea urchins

Facies di pascolo con ricci ed alghe incrostanti

- ❖ III. 6. 1. 2. Association with *Cystoseira amentacea* (var. *amentacea*,

var. *stricta*, var. *spicata*) / Associazione a *Cystoseira amentacea*

- ❖ III. 6. 1. 3. Facies with Vermetids / Facies a Vermeti

III. 6. 1. 4. Facies with *Mytilus galloprovincialis* / Facies a

Mytilus galloprovincialis

III. 6. 1. 5. Association with *Corallina elongata* and *Herposiphonia*

¹ the facies and associations of the biocenosis of infralittoral algae are presented in accordance with the two dominant factors affecting this biocenosis, namely hydrodynamics and light, in descending order.

Le facies e le associazioni delle biocenosi delle alghe infralittorali sono elencate secondo due fattori dominanti cioè l'idrodinamismo e la luce in ordine decrescente di importanza.

- secunda* / Associazione a *Corallina elongata* e *Herposiphonia secunda*
- III. 6. 1. 6. Association with *Corallina officinalis* / Associazione a *Corallina officinalis*
- III. 6. 1. 7. Association with *Codium vermilara* and *Rhodymenia ardissoni* / Associazione a *Codium vermilara* e *Rhodymenia ardissoni*
- III. 6. 1. 8. Association with *Dasycladus vermicularis* / Associazione a *Dasycladus vermicularis*
- III. 6. 1. 9. Association with *Alsidium helminthochorton* / Associazione a *Alsidium helminthochorton*
- ❖ III. 6. 1. 10. Association with *Cystoseira tamariscifolia* and *Saccorhiza polyschides* / Associazione a *Cystoseira tamariscifolia* e *Saccorhiza polyschides*
- III. 6. 1. 11. Association with *Gelidium spinosum* v. *hystrix* / Associazione a *Gelidium spinosum* v. *hystrix*
- III. 6. 1. 12. Association with *Lobophora variegata* / Associazione a *Lobophora variegata*
- III. 6. 1. 13. Association with *Ceramium rubrum* / Associazione a *Ceramium rubrum*
- ❖ III. 6. 1. 14. Facies with *Cladocora caespitosa* / Facies a *Cladocora caespitosa*
- ❖ III. 6. 1. 15. Association with *Cystoseira brachycarpa* / Associazione a *Cystoseira brachycarpa*
- ❖ III. 6. 1. 16. Association with *Cystoseira crinita* / Associazione a *Cystoseira crinita*
- ❖ III. 6. 1. 17. Association with *Cystoseira crinitophylla* / Associazione a *Cystoseira crinitophylla*
- ❖ III. 6. 1. 18. Association with *Cystoseira sauvageauana* / Associazione a *Cystoseira sauvageauana*
- ❖ III. 6. 1. 19. Association with *Cystoseira spinosa* / Associazione a *Cystoseira spinosa*
- ❖ III. 6. 1. 20. Association with *Sargassum vulgare* / Associazione a *Sargassum vulgare*
- III. 6. 1. 21. Association with *Dictyopteris polypodioides* / Associazione a *Dictyopteris polypodioides*
- III. 6. 1.22. Association with *Calpomenia sinuosa* / Associazione a *Calpomenia sinuosa*
- III. 6. 1. 23. Association with *Stypocaulon scoparium* (=Halopteris scoparia) / Associazione a *Stypocaulon scoparium* (=Halopteris scoparia)

- III. 6. 1. 24. Association with *Trichosolen myura* and *Liagora farinosa* /
Associazione a with *Trichosolen myura* e *Liagora farinosa*
- ❖ III. 6. 1. 25. Association with *Cystoseira compressa* / Associazione a *Cystoseira compressa*
- III. 6. 1. 26. Association with *Pterocladia capillacea* and *Ulva laetevirens* / Associazione a *Pterocladia capillacea* e *Ulva laetevirens*
- III. 6. 1. 27. Facies with large Hydrozoa / Facies a grandi Idroidi
- III. 6. 1. 28. Association with *Pterothamnion crispum* and *Compsothamnion thuyoides* / Associazione a *Pterothamnion crispum* *Compsothamnion thuyoides*
- III. 6. 1. 29. Association with *Schottera nicaeensis* / Associazione a *Schottera nicaeensis*
- III. 6. 1. 30. Association with *Rhodymenia ardissoni* and *Rhodophyllis divaricata* / Associazione a *Rhodymenia ardissoni* e *Rhodophyllis divaricata*
- III. 6. 1. 31. Facies with *Astroides calycularis* / Facies a *Astroides calycularis*
- III. 6. 1. 32. Association with *Flabellia petiolata* and *Peyssonnelia squamaria* / Associazione a *Flabellia petiolata* e *Peyssonnelia squamaria*
- III. 6. 1. 33. Association with *Halymenia floresia* and *Halarachnion ligulatum* / Associazione a *Halymenia floresia* e *Halarachnion ligulatum*
- III. 6. 1. 34. Association with *Peyssonnelia rubra* and *Peyssonnelia* spp. / Associazione a *Peyssonnelia rubra* e *Peyssonnelia* spp.
- ❖ III. 6. 1. 35. Facies and Associations of Coralligenous biocenosis (in enclave) / Facies e Associazioni di biocenosi a coralligeno (in enclave)

IV. CIRCALITTORAL / CIRCALITORALE

IV. 1. MUDS / FANGHI

IV. 1. 1. Biocenosis of coastal terrigenous muds

Biocenosi dei fanghi terrigeni costieri

IV. 1. 1. 1. Facies of soft muds with *Turritella tricarinata communis*
Facies dei fanghi molli a *Turritella tricarinata communis*

IV. 1. 1. 2. Facies of sticky muds with *Virgularia mirabilis* and *Pennatula phosphorea* / Facies dei fanghi duri a *Virgularia mirabilis* e *Pennatula phosphorea*

IV. 1. 1. 3. Facies of sticky muds with *Alcyonium palmatum* and
Stichopus regalis / Facies dei fanghi duri a *Alcyonium palmatum* e
Stichopus regalis

IV. 2. SANDS / SABBIE

IV. 2. 1. Biocenosis of the muddy detritic bottom

Biocenosi dei fondi detritici infangati

IV. 2. 1. 1. Facies with *Ophiothrix quinquemaculata*
Facies a *Ophiothrix quinquemaculata*

IV. 2. 2. Biocenosis of the coastal detritic bottom

Biocenosi del detritico costiero

IV. 2. 2. 1. Association with rhodolithes
Associazione a rodoliti

IV. 2. 2. 2. Maërl Facies (*Lithothamnion corallioides* and
Phymatholithon calcareum) / Facies del maërl (Associazione a
Lithothamnion corallioides e *Phymatholithon calcareum*)

IV. 2. 2. 3. Association with *Peyssonnelia rosa-marina*
Associazione a *Peyssonnelia rosa-marina*

IV. 2. 2. 4. Association with *Arthrocladia villosa*
Associazione a *Arthrocladia villosa*

IV. 2. 2. 5. Association with *Osmundaria volubilis*
Associazione a *Osmundaria volubilis*

IV. 2. 2. 6. Association with *Kallymenia patens*
Associazione a *Kallymenia patens*

❖ IV. 2. 2. 7. Association with *Laminaria rodriguezii* on detritic
Associazione a *Laminaria rodriguezii* su fondo detritico

IV. 2. 2. 8. Facies with *Ophiura texturata*
Facies a *Ophiura texturata*

IV. 2. 2. 9. Facies with Synascidies
Facies a Sinascidie

❖ V. 2. 2. 10. Facies with large Bryozoa
Facies a grandi Briozoi ramificati

IV. 2. 3. Biocenosis of shelf-edge detritic bottom

Biocenosi dei fondi detritici del largo

IV. 2. 3. 1. Facies with *Neolampas rostellata*

Facies a *Neolampas rostellata*

IV. 2. 3. 2. Facies with *Leptometra phalangium*

Facies a *Leptometra phalangium*

IV. 2. 4. Biocenosis of coarse sands and fine gravels under the influence of bottom currents (biocenosis found in areas under specific hydrodynamic conditions - straits-; also found in the Infralittoral) / Biocenosi delle sabbie grossolane e ghiaie fini sotto l'influenza di correnti di fondo (Biocenosi presente in località con particolari condizioni di idrodinamismo, come negli stretti; si ritrova anche nell'Infralitorale)

IV. 3. HARD BEDS AND ROCKS / FONDI DURI E ROCCIOSI

- ❖ IV. 3. 1. Coralligenous biocenosis
Biocenosi del coralligeno
- ❖ IV. 3. 1. 1. Association with *Cystoseira zosteroides*
Associazione a *Cystoseira zosteroides*
- ❖ IV. 3. 1. 2. Association with *Cystoseira usneoides*
Associazione a *Cystoseira usneoides*
- ❖ IV. 3. 1. 3. Association with *Cystoseira dubia*
Associazione a *Cystoseira dubia*
- ❖ IV. 3. 1. 4. Association with *Cystoseira corniculata*
Associazione a *Cystoseira corniculata*
- ❖ IV. 3. 1. 5. Association with *Sargassum* spp. (indigenous)
Associazione a *Sargassum* spp. (indigene)
- IV. 3. 1. 6. Association with *Mesophyllum lichenoides*
- IV. 3. 1. 7. Association with *Lithophyllum frondosum* and *Halimeda tuna* /
Associazione a *Lithophyllum frondosum* e *Halimeda tuna*
- ❖ IV. 3. 1. 8. Association with *Laminaria ochroleuca*
Associazione a *Laminaria ochroleuca*
- ❖ IV. 3. 1. 9. Association with *Rodriguezella strafforelli*
Associazione a *Rodriguezella strafforelli*
- ❖ IV. 3. 1. 10. Facies with *Eunicella cavolinii*
Facies a *Eunicella cavolinii*
- ❖ IV. 3. 1. 11. Facies with *Eunicella singularis*
Facies a *Eunicella singularis*
- ❖ IV. 3. 1. 12. Facies with *Lophogorgia sarmentosa*
Facies a *Lophogorgia sarmentosa*
- ❖ IV. 3. 1. 13. Facies with *Paramuricea clavata*
Facies a *Paramuricea clavata*

IV. 3. 1. 14. Facies with *Parazoanthus axinellae*

Facies a *Parazoanthus axinellae*

❖ IV. 3. 1. 15. Coralligenous platforms

Piattaforme coralligene

❖ IV.3. 2. Semi-dark caves (also in enclave in upper stages)

Grotte semi-oscure (anche in enclave negli strati superiori)

IV. 3. 2. 1. Facies with *Parazoanthus axinellae*

Facies a *Parazoanthus axinellae*

❖ IV. 3. 2. 2. Facies with *Corallium rubrum*

Facies a *Corallium rubrum*

IV. 3. 2. 3. Facies with *Leptopsammia pruvoti*

Facies a *Leptopsammia pruvoti*

IV. 3. 3. Biocenosis of shelf-edge rock

Biocenosi della roccia del largo

V. BATHYAL / BATIALE

V. 1. MUDS / FANGHI

V. 1. 1. Biocenosis of bathyal muds / Biocenosi dei fanghi batiali

V. 1. 1. 1. Facies of sandy muds with *Thenaea muricata*

Facies dei fanghi sabbiosi a *Thenaea muricata*

V. 1. 1. 2. Facies of fluid muds with *Brissopsis lyrifera*

Facies dei fanghi fluidi a *Brissopsis lyrifera*

❖ V. 1. 1. 3. Facies of soft muds with *Funiculina quadrangularis* and *Apporhais seressianus* / Facies dei fanghi molli a *Funiculina quadrangularis* e *Apporhais seressianus*

❖ V. 1. 1. 4. Facies of compact muds with *Isidella elongata*

Facies dei fanghi compatti a *Isidella elongata*

V. 1. 1. 5. Facies with *Pheronema grayi*

Facies a *Pheronema grayi*

V. 2. SANDS / SABBIE

V. 2. 1. Biocenosis of bathyal detritic sands with *Grypheus vitreus*

Biocenosi delle sabbie detritiche batiali a *Grypheus vitreus*

V. 3. HARD BEDS AND ROCKS / FONDI DURI E ROCCIOSI

- ❖ V. 3. 1. Biocenosis of deep sea corals
Biocenosi dei Coralli profondi
- ❖ V. 3. 2. Caves and ducts in total darkness (in enclave in the upper stages)
Grotte e anfratti a oscurità totale [biocenosi presenti in isole di popolamento
(enclave) anche nei piani superiori]

VI. ABYSSAL / ABISSALE

VI. 1. MUDS / FANGHI

VI. 1. 1. Biocenosis of abyssal muds **Biocenosi del fango abissale**

With a view to helping the reader in identifying the habitat units, for each selected habitat type also the higher hierarchical levels of the classification are indicated on the list. However, in order to try to avoid confusion between selected and non selected units, the selected ones are indicated by an asterisk (❖) on the left of the page.

Al fine di facilitare un inquadramento degli habitat considerati prioritari per la protezione (Associazioni, facies) sono riportati anche i livelli gerarchici superiori della classificazione. Gli habitat ritenuti prioritari per la protezione sono indicati con (❖)